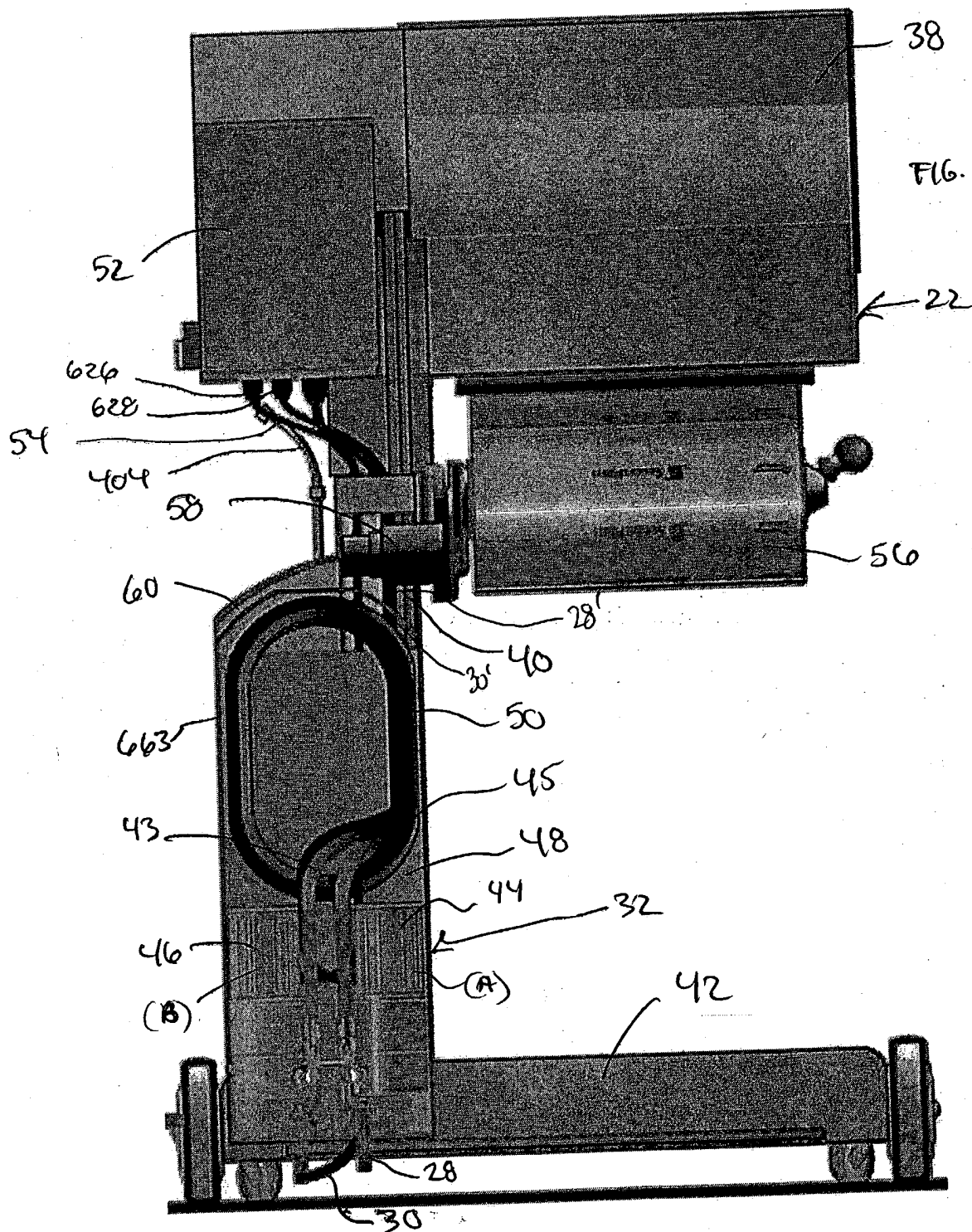


FIG. 1

FIG. 2



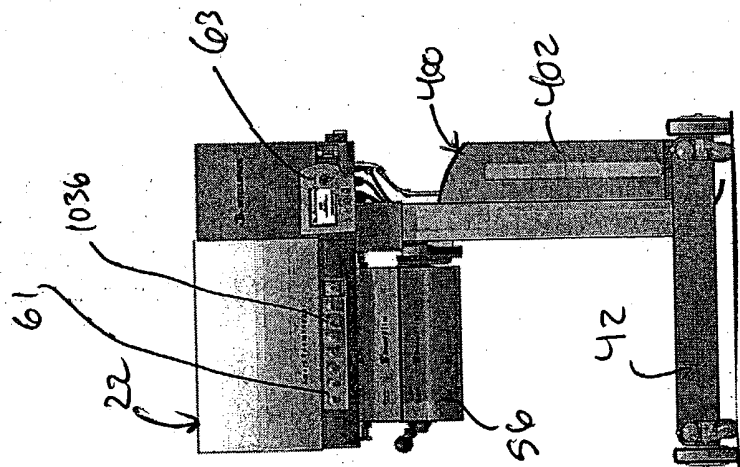
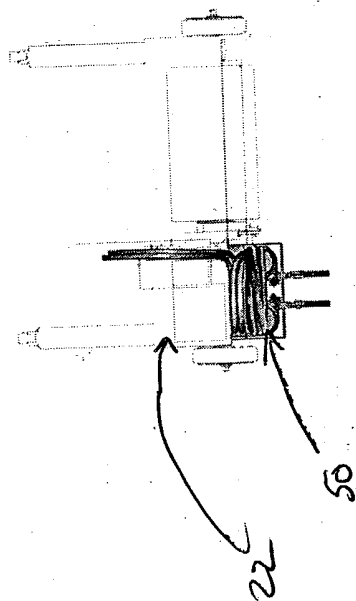


FIG. 3

FIG. 4



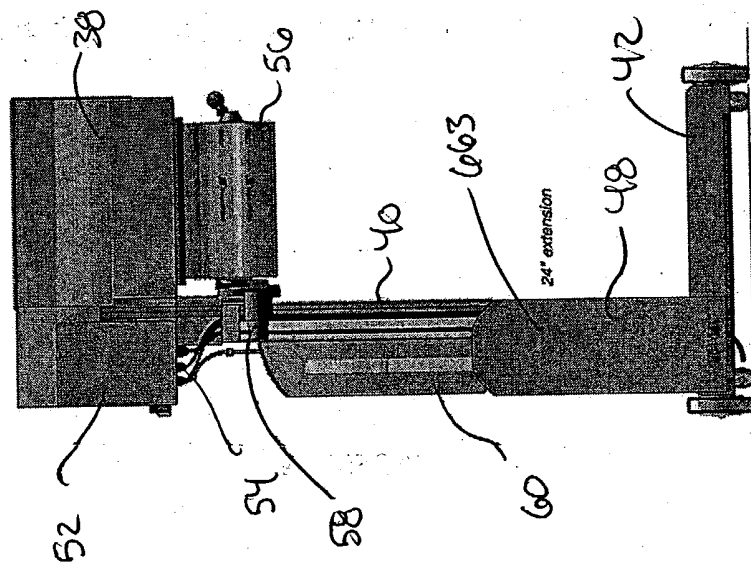


FIG-5

FIG. 6

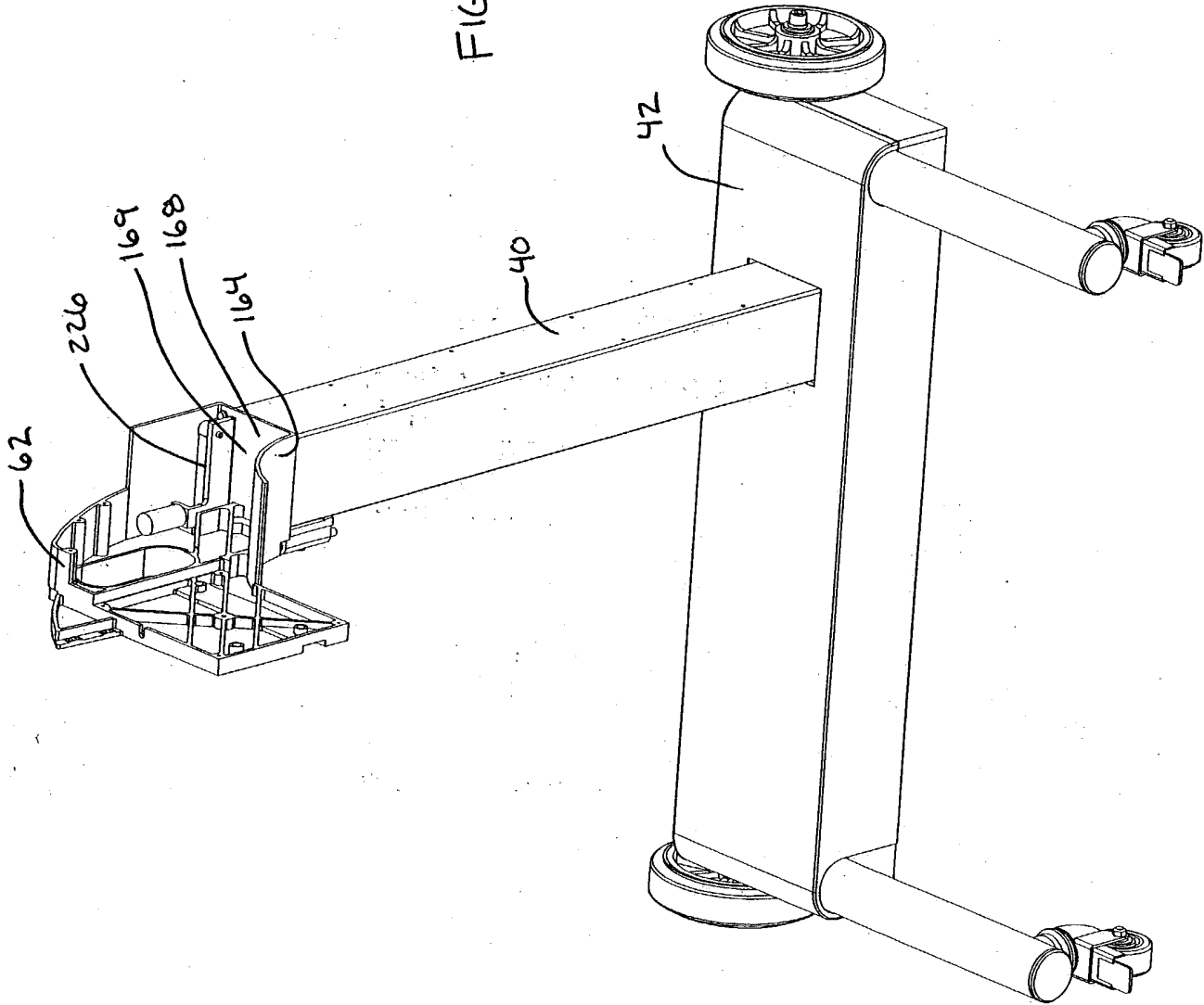


FIG. 8

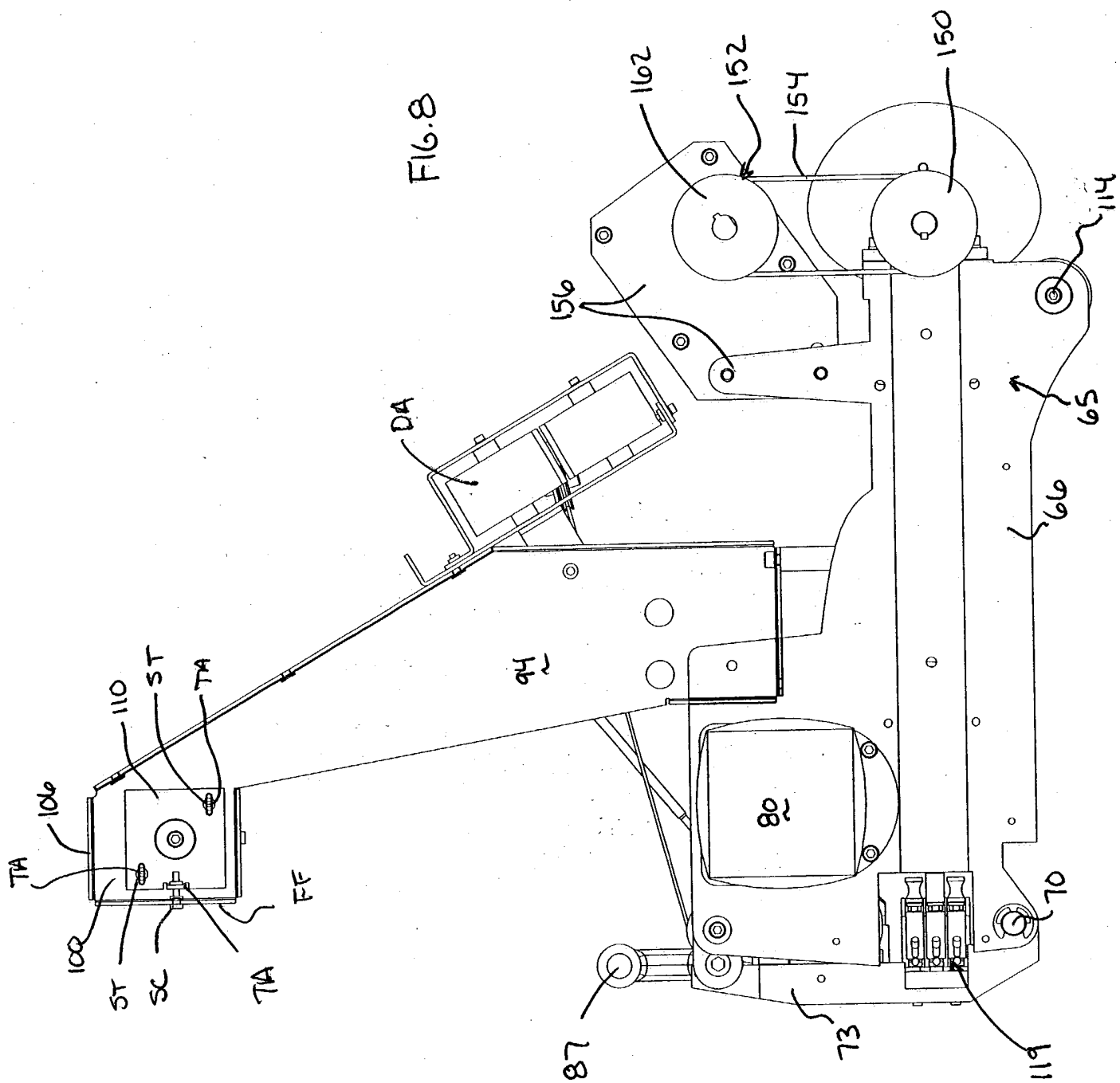
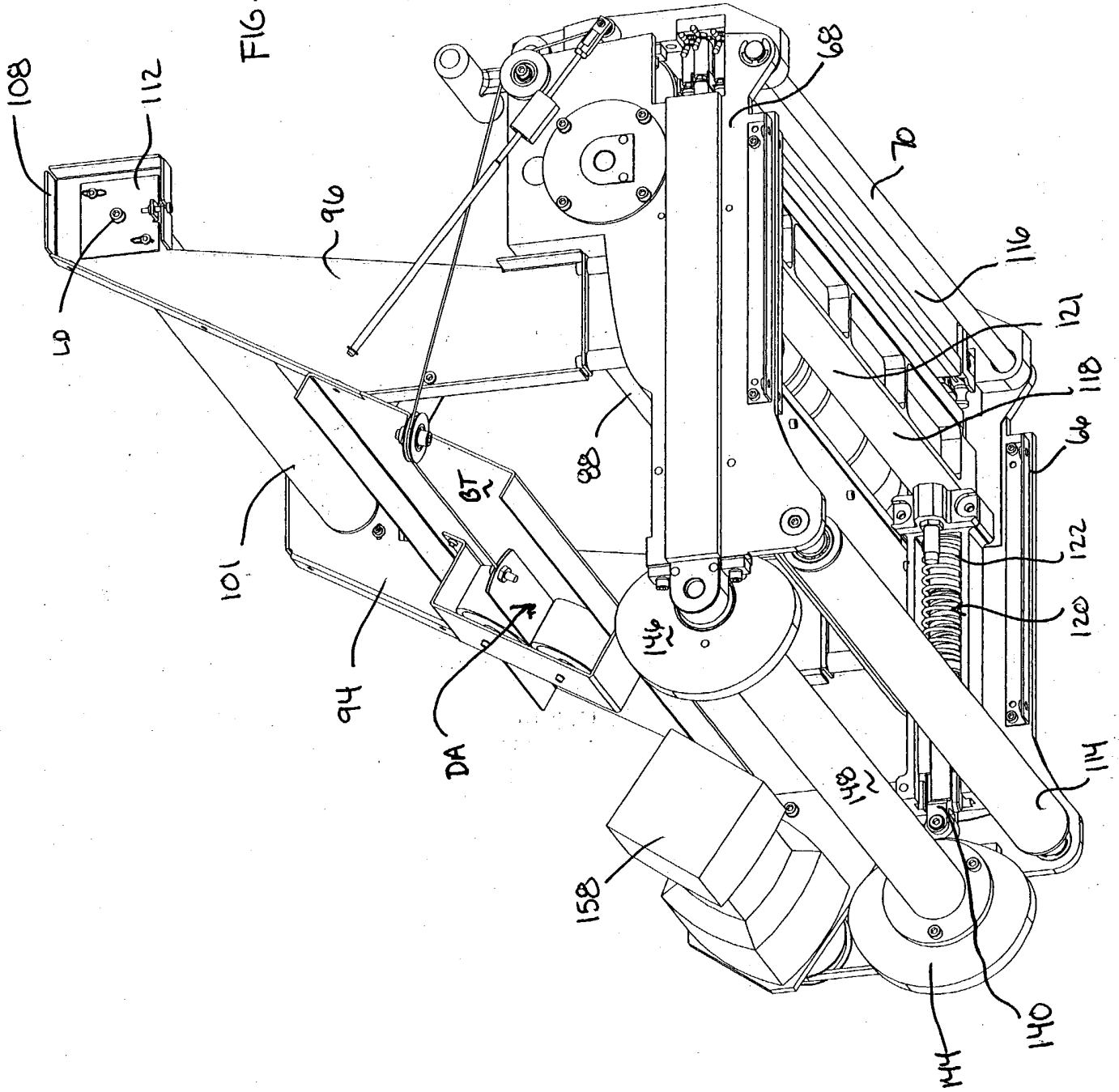


FIG. 9



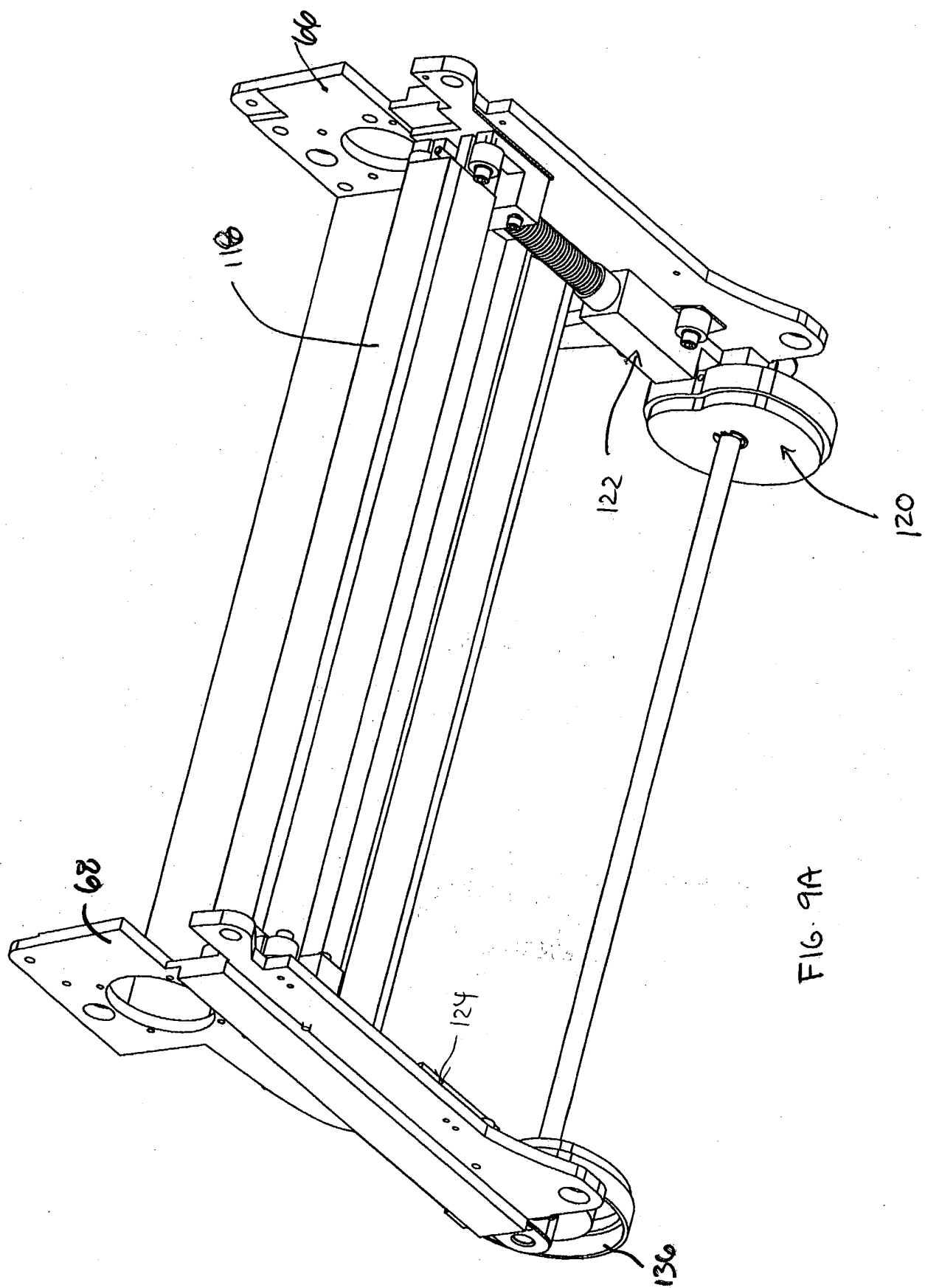


FIG. 9A

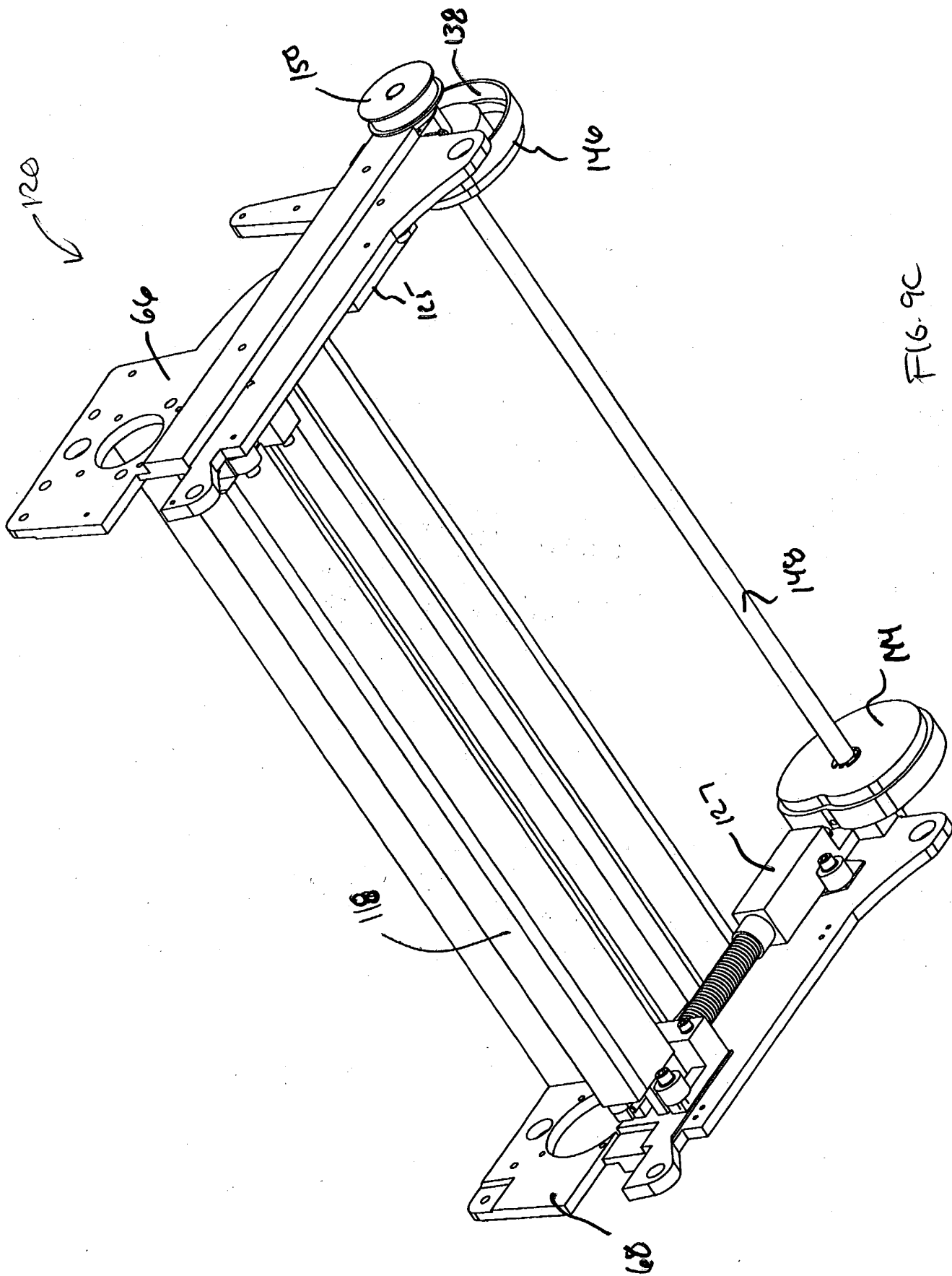


FIG. 9C

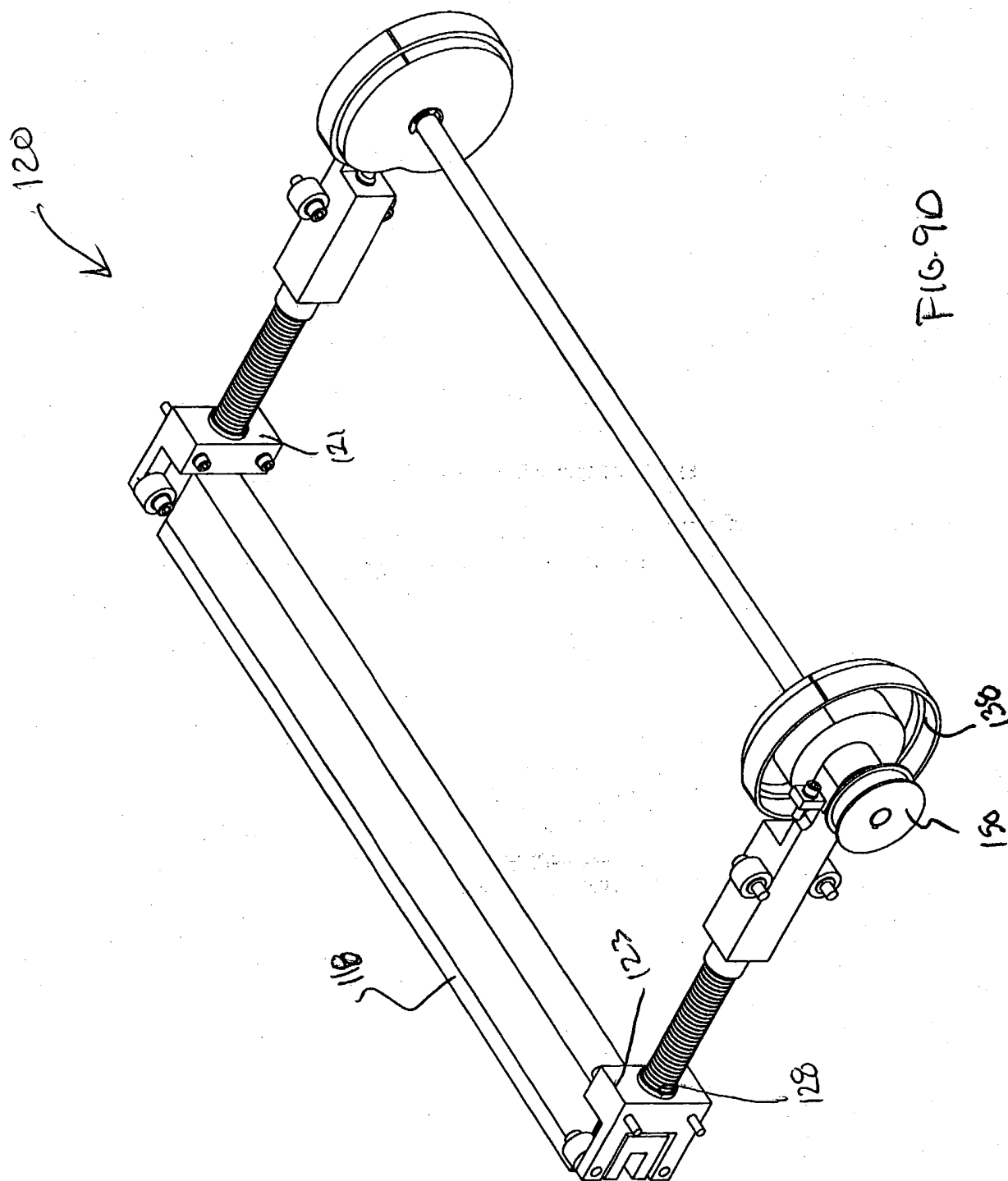
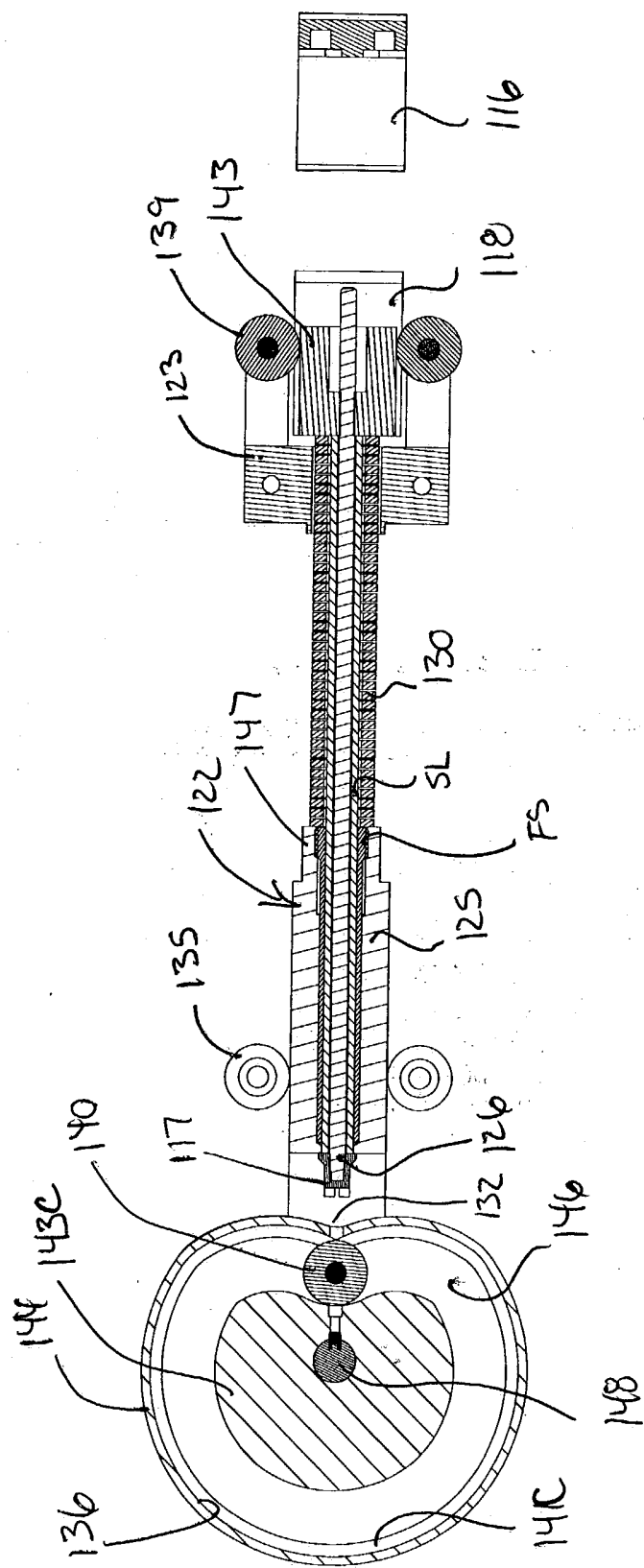


FIG. 9E



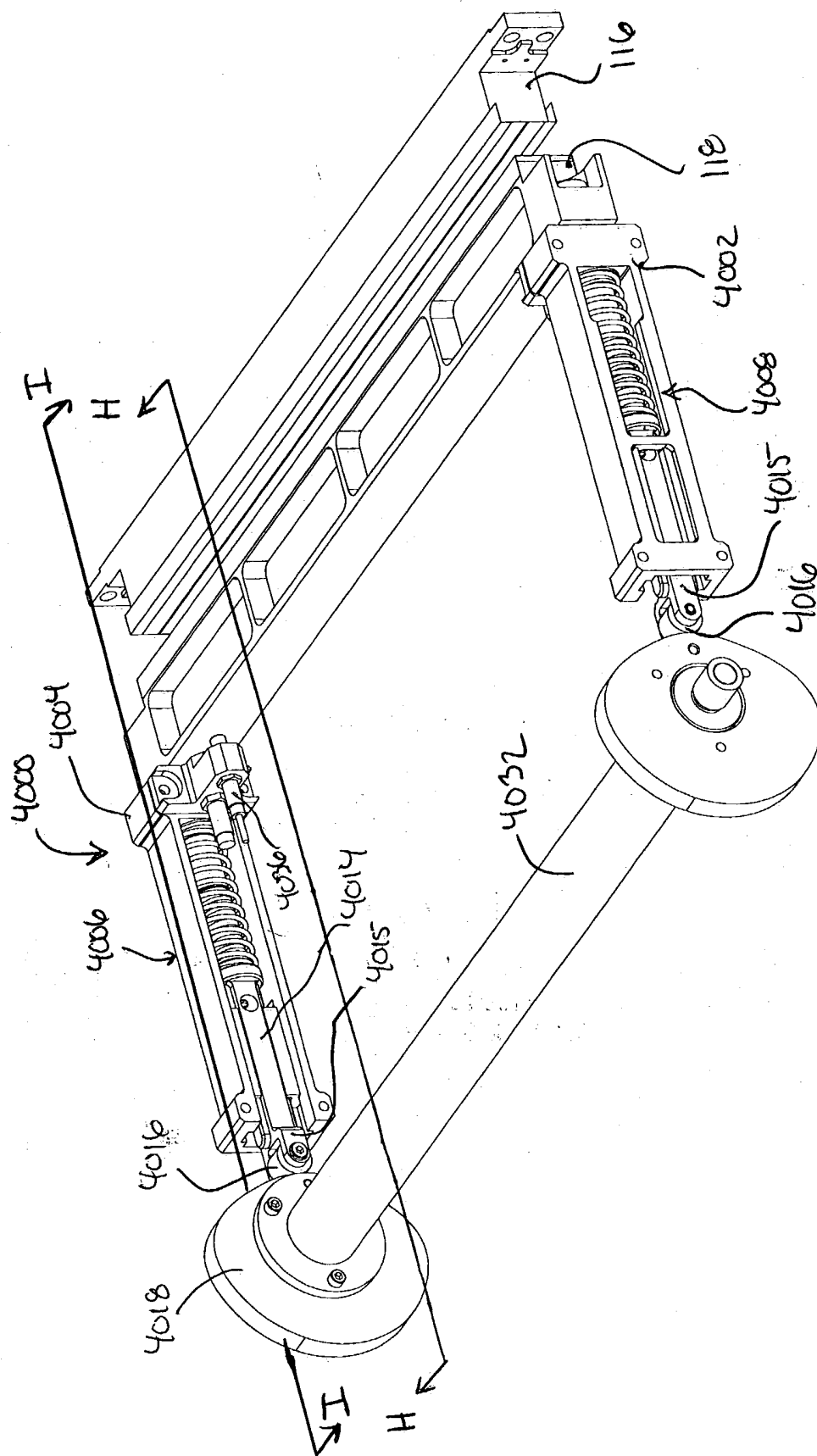


FIG. 9F

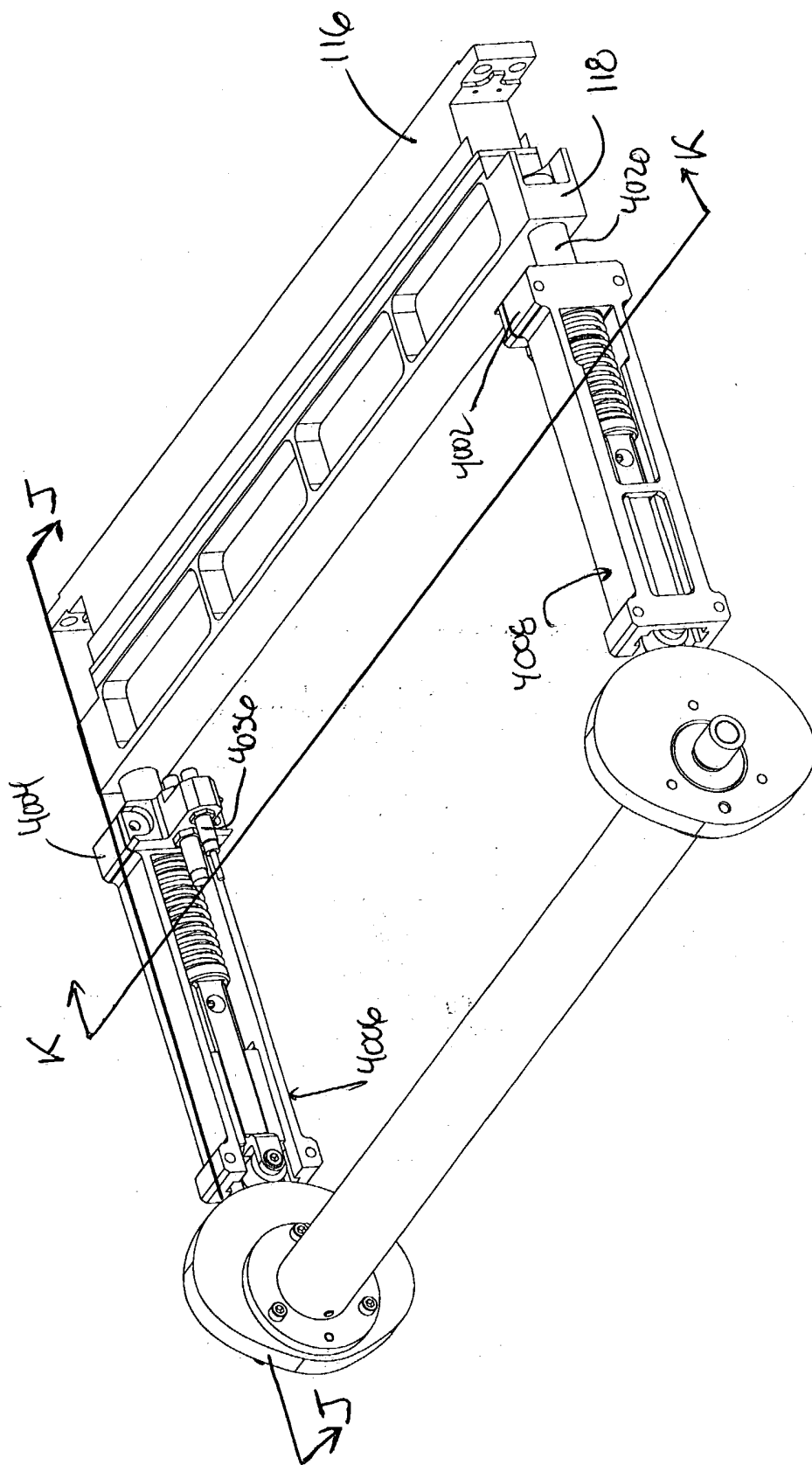


FIG. 9C

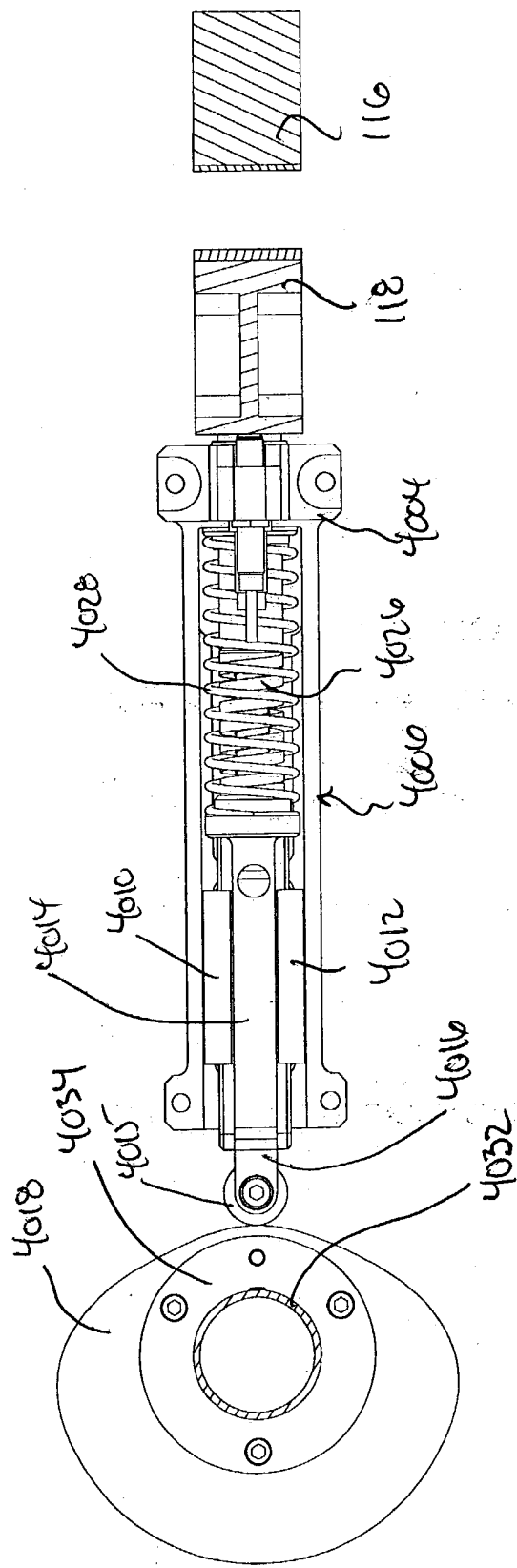
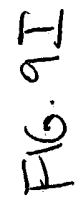


FIG. 9H



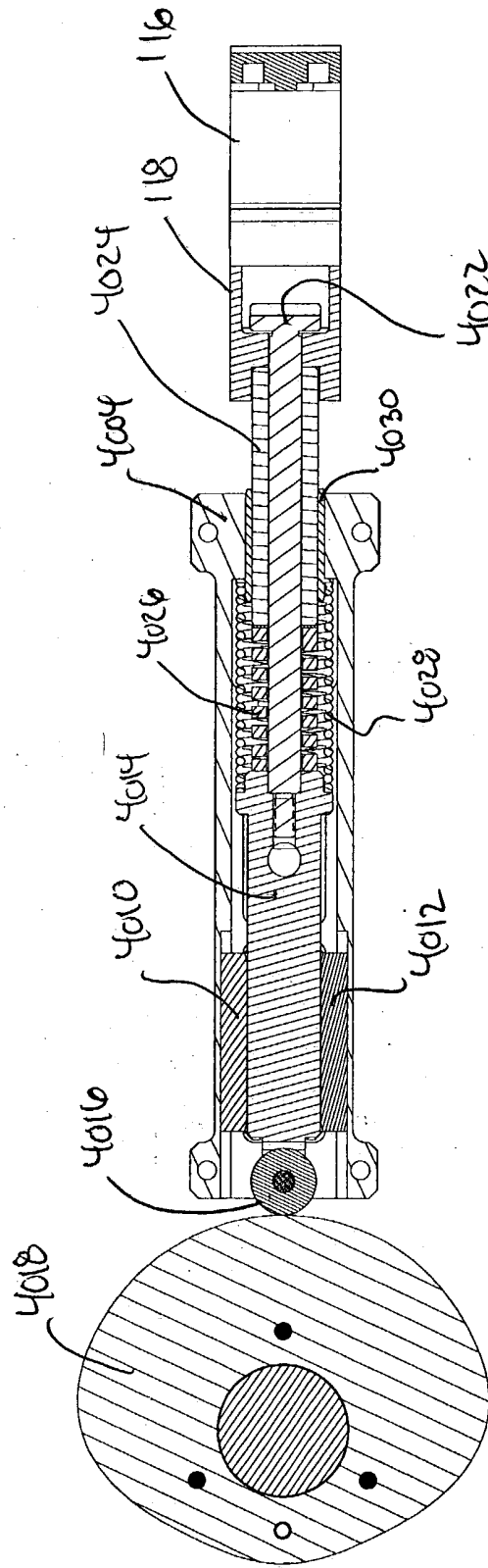


FIG. 9J

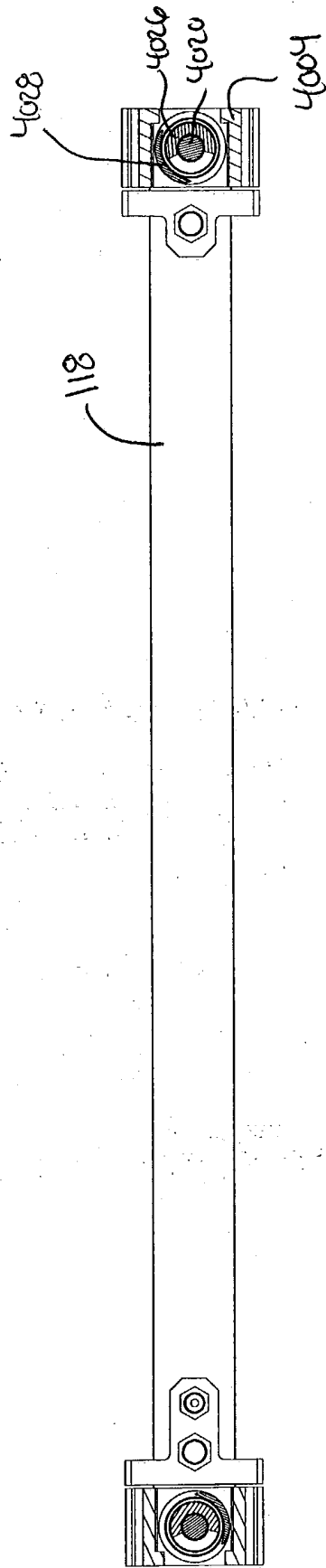
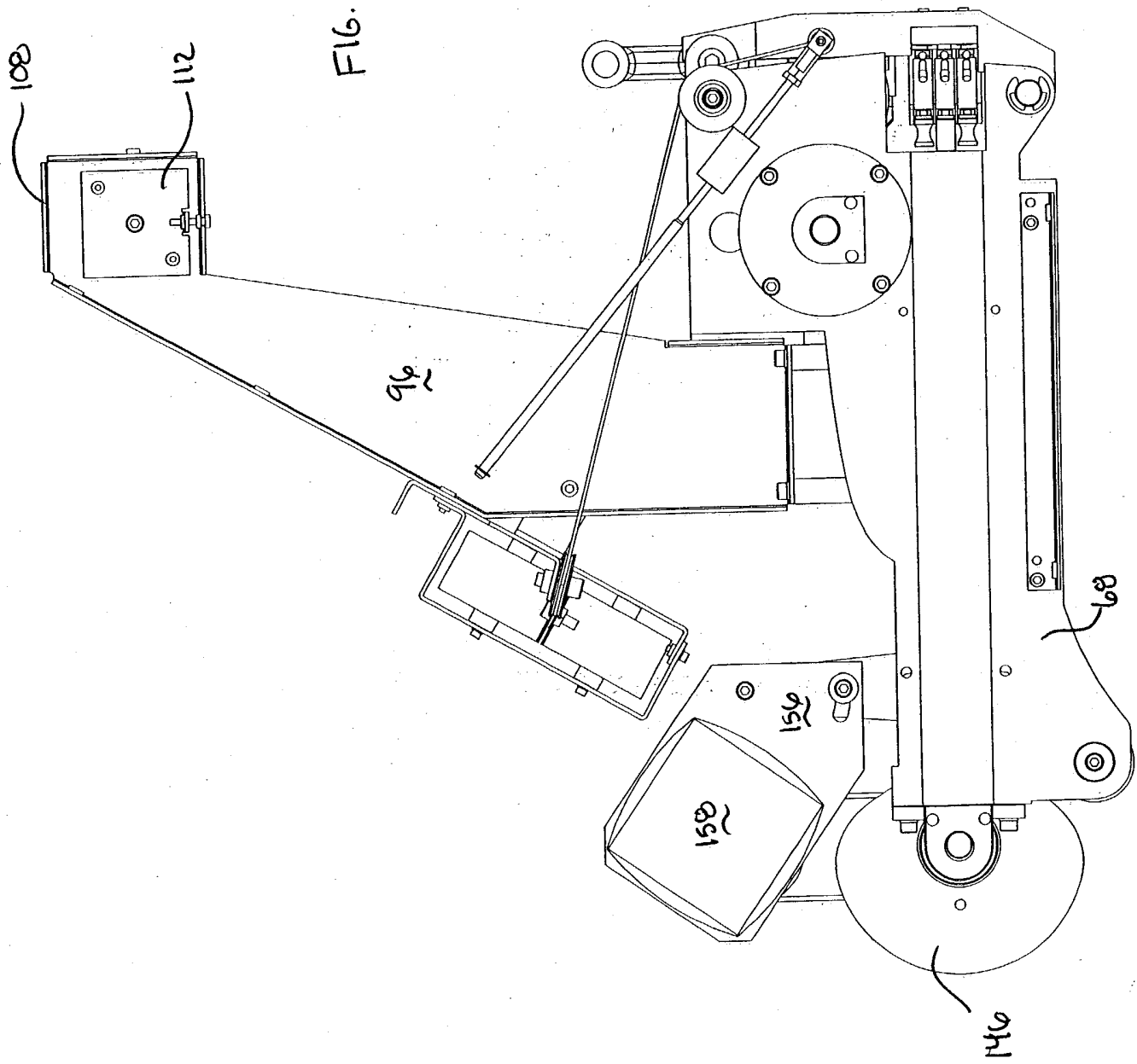


FIG. 9K

FIG. 10



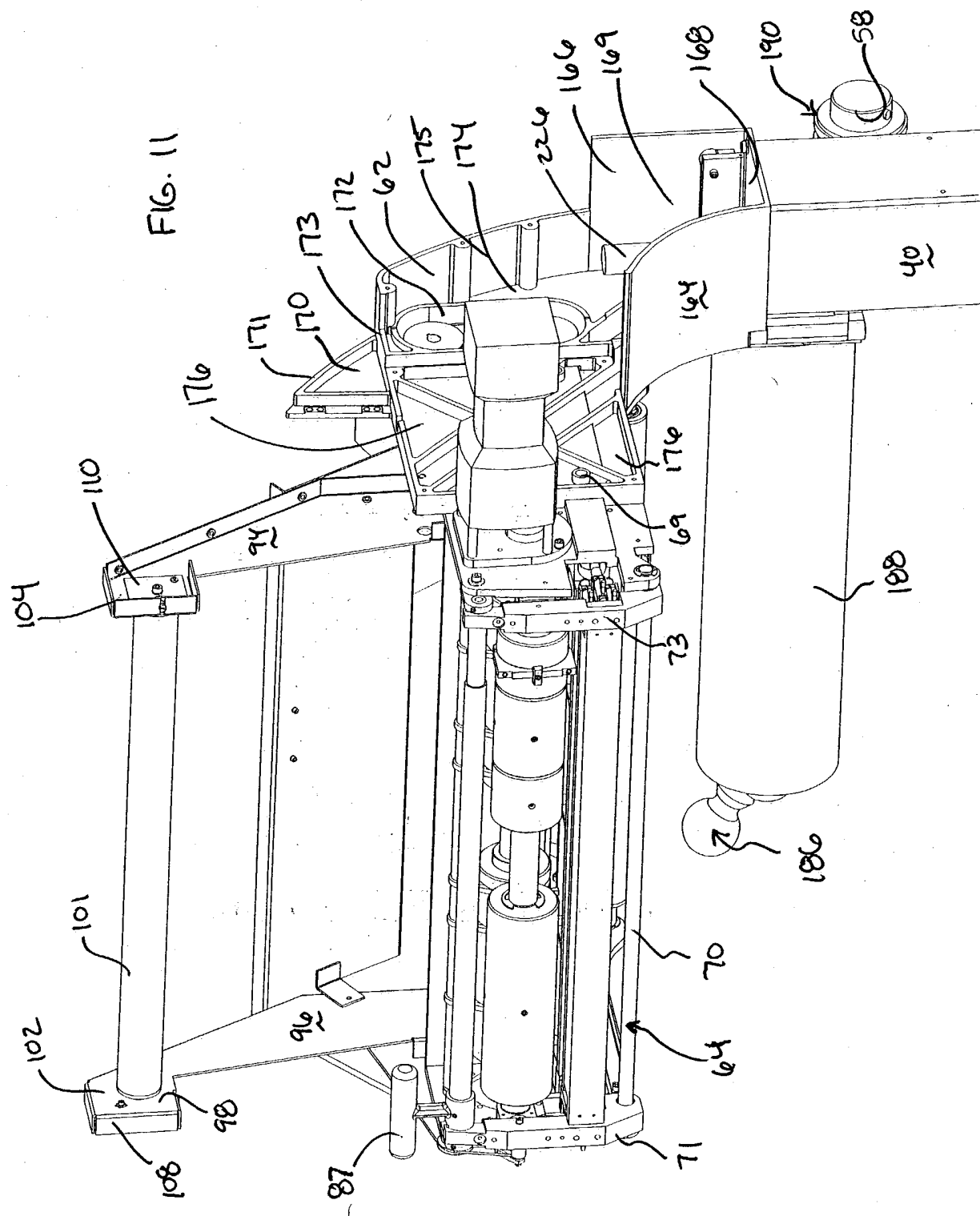


Fig. 11

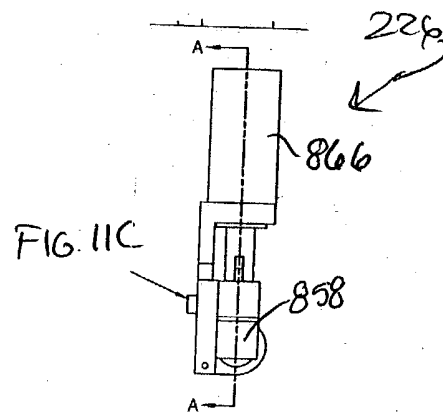
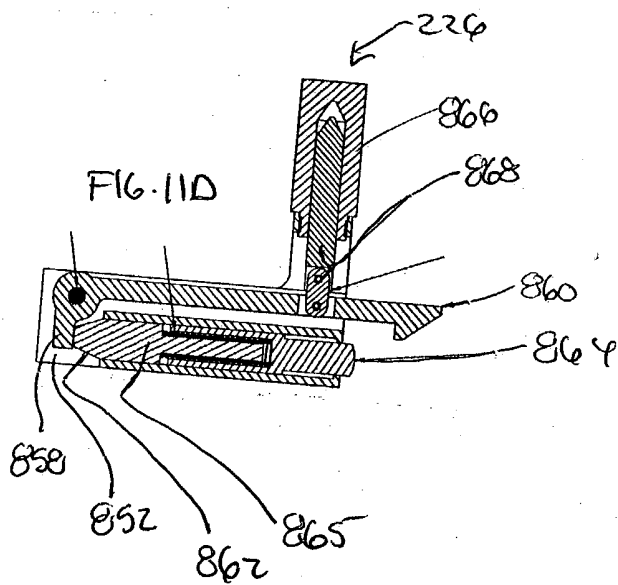
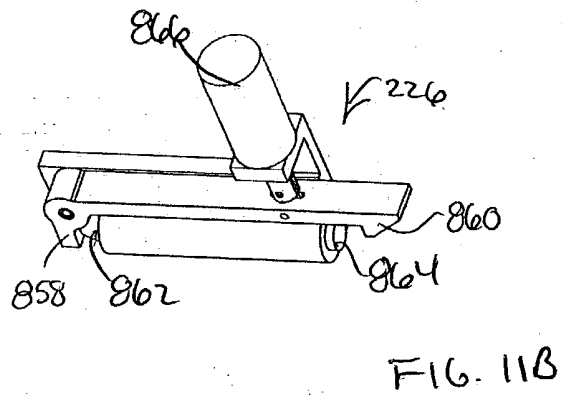
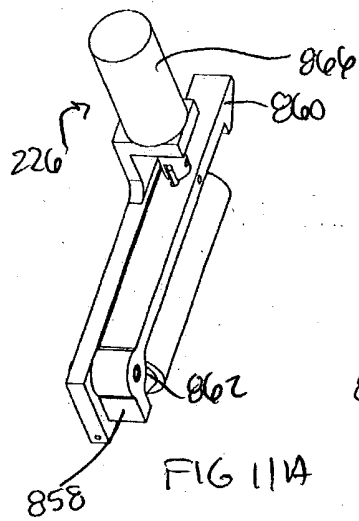


FIG. 12

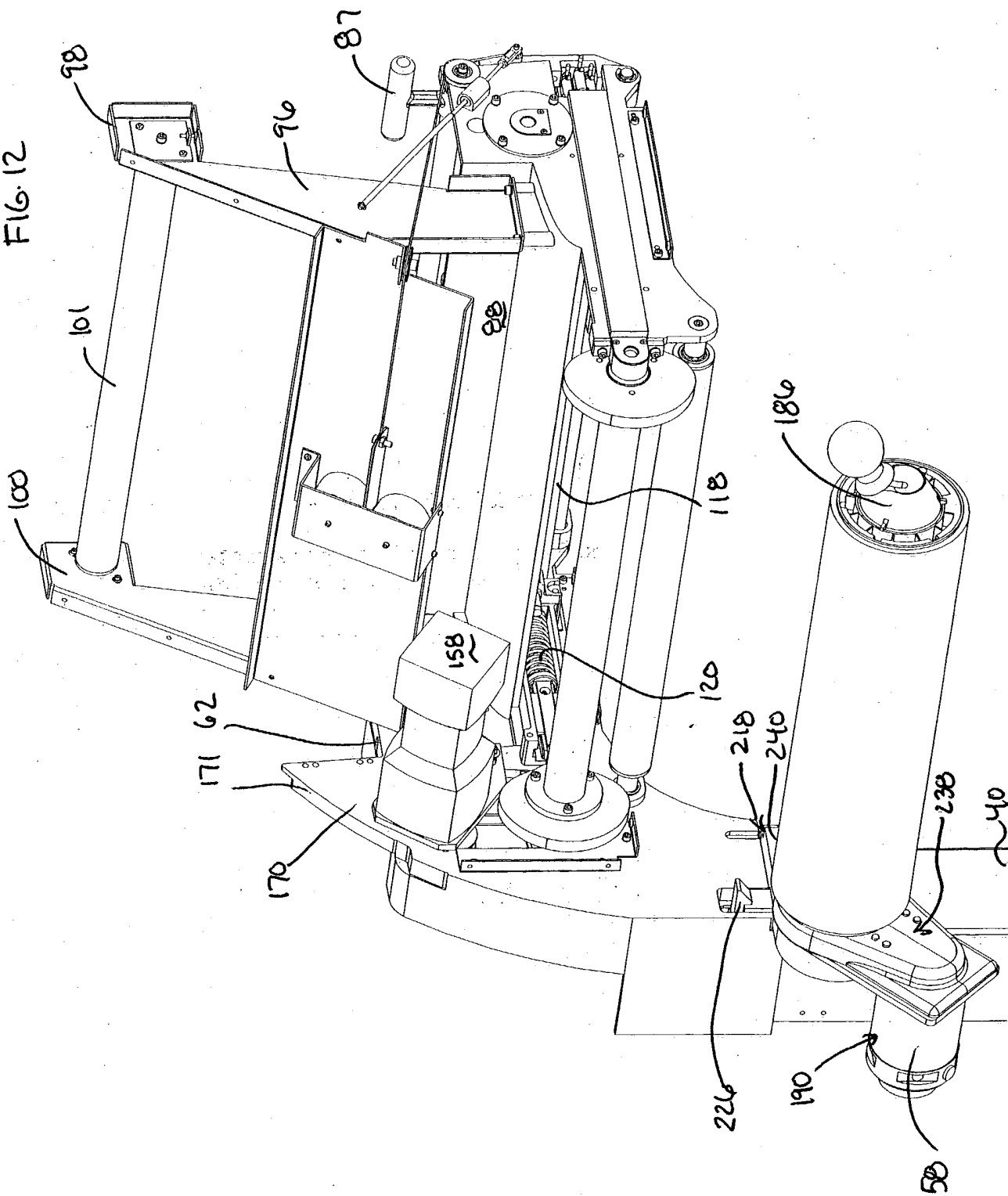


FIG. 13

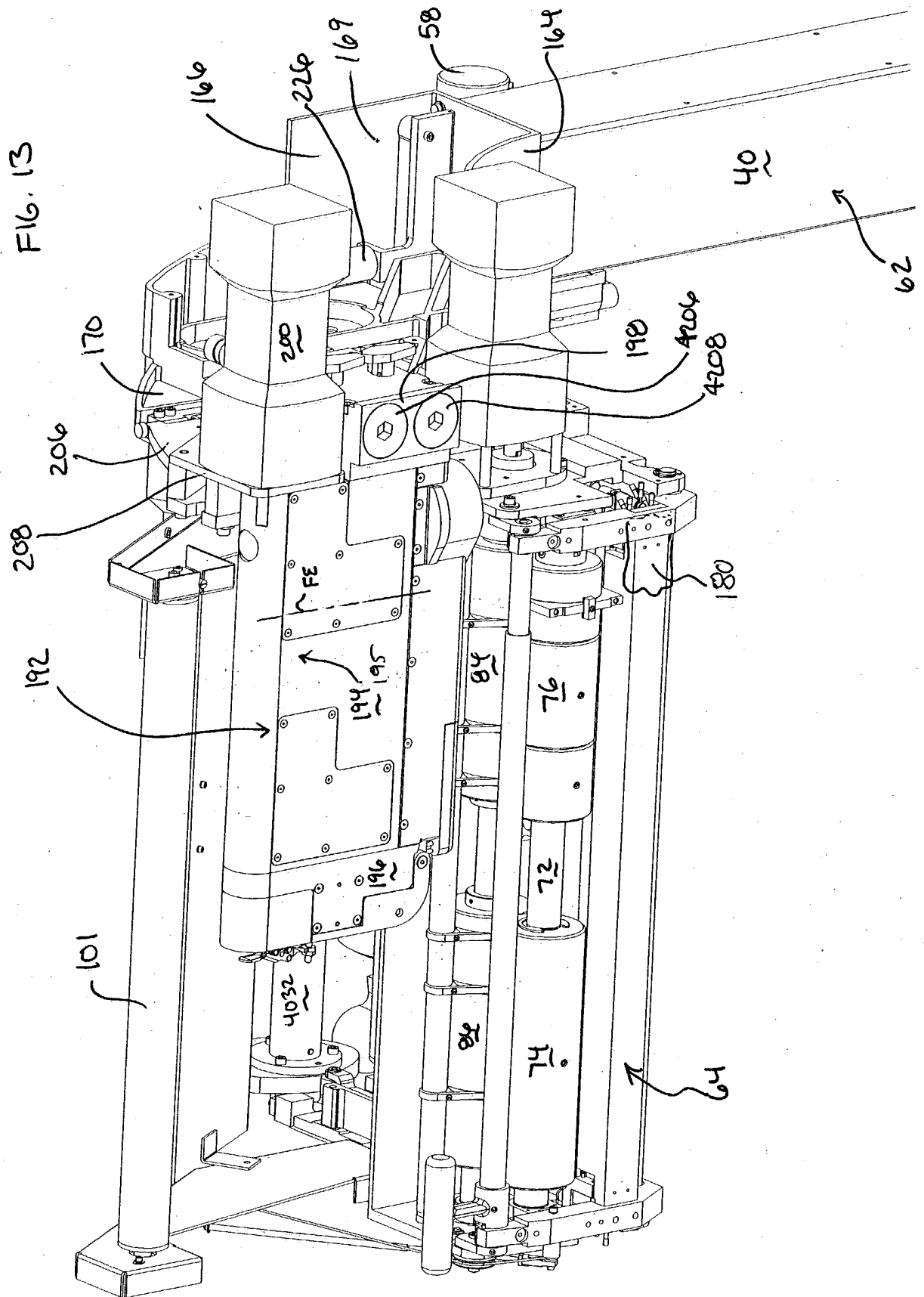


FIG. 14A

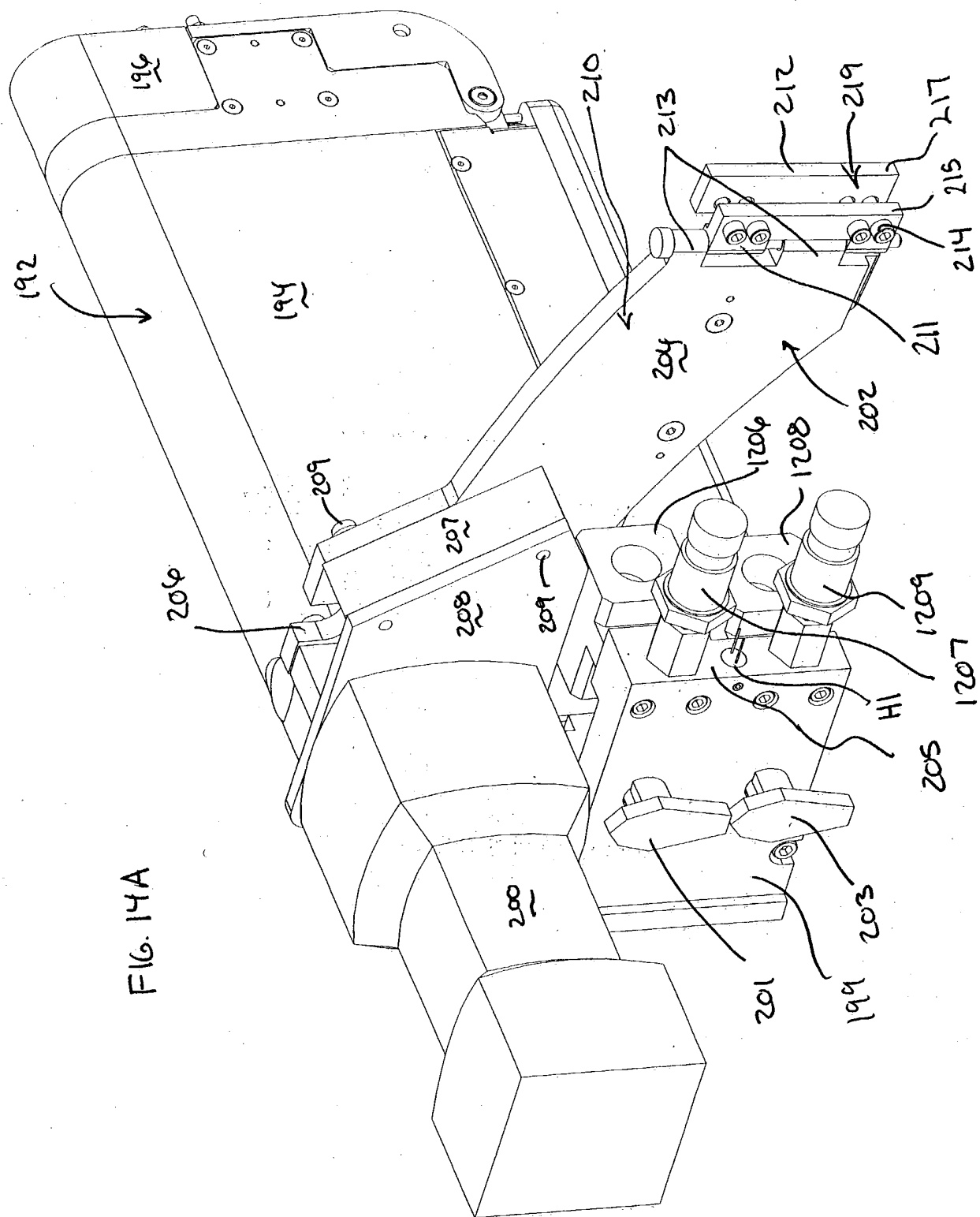


FIG. 14B

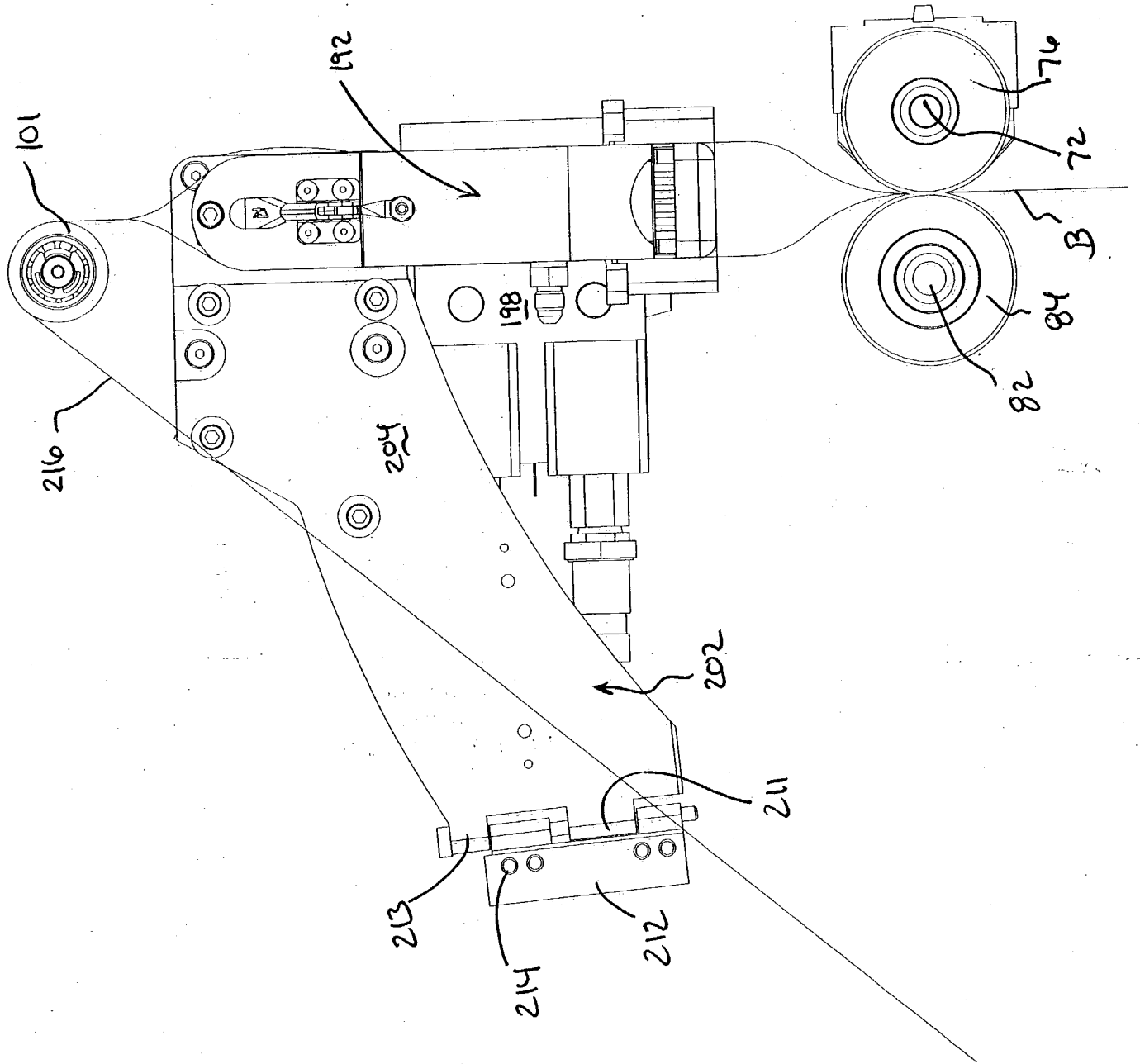


FIG 15A

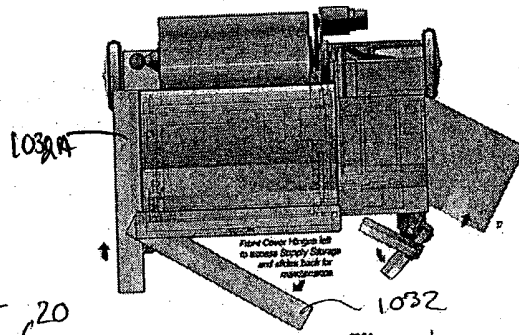


FIG. 15

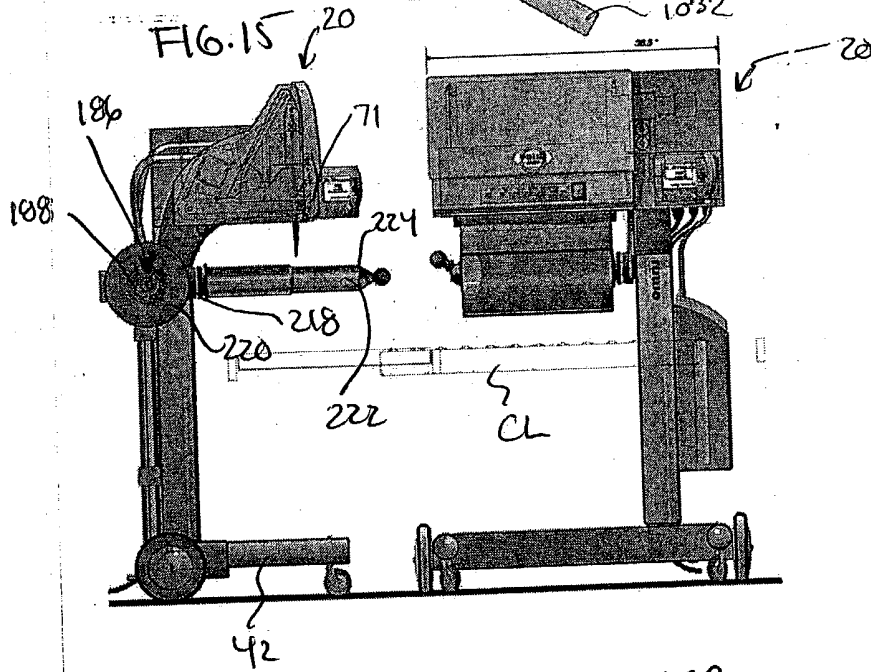
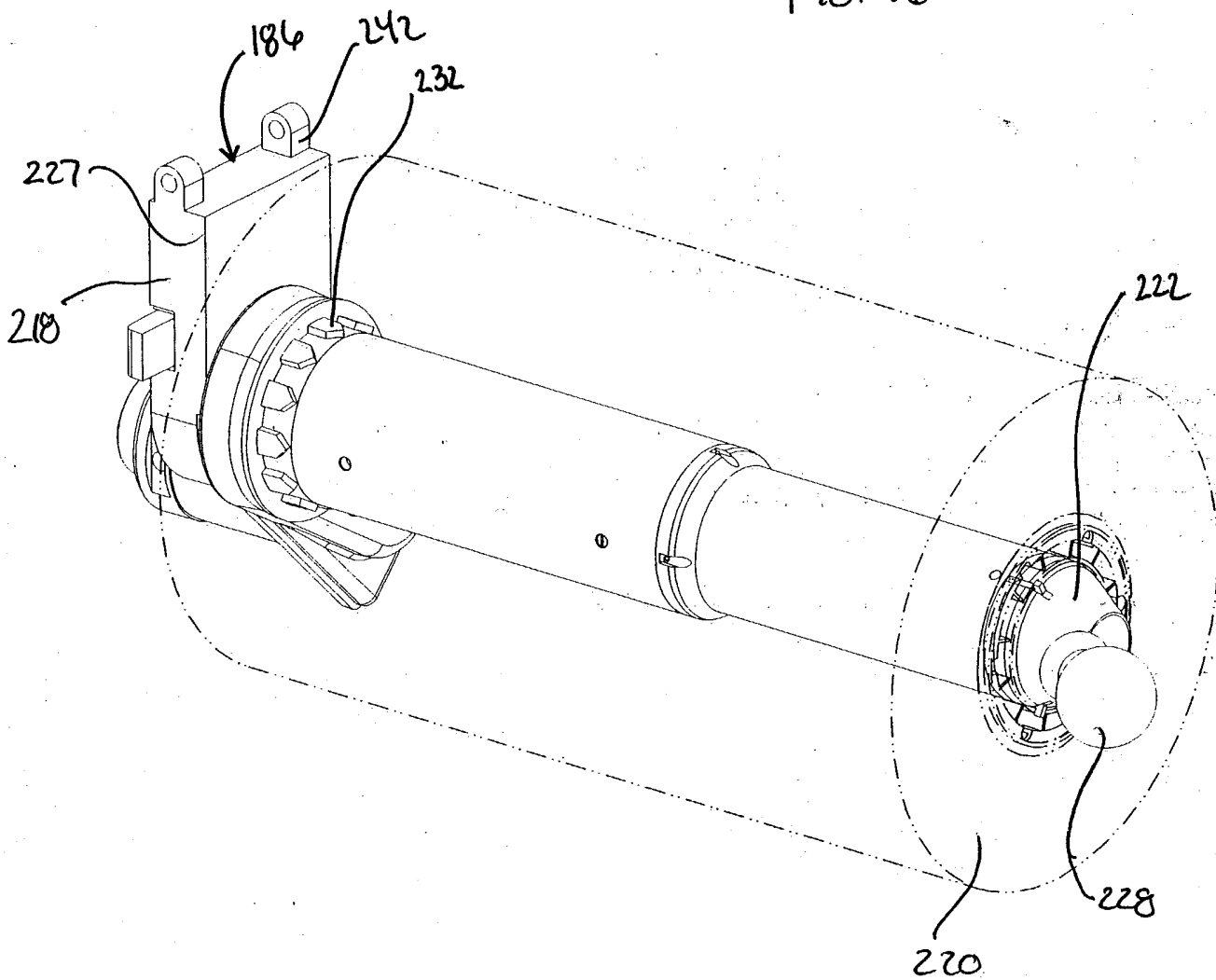
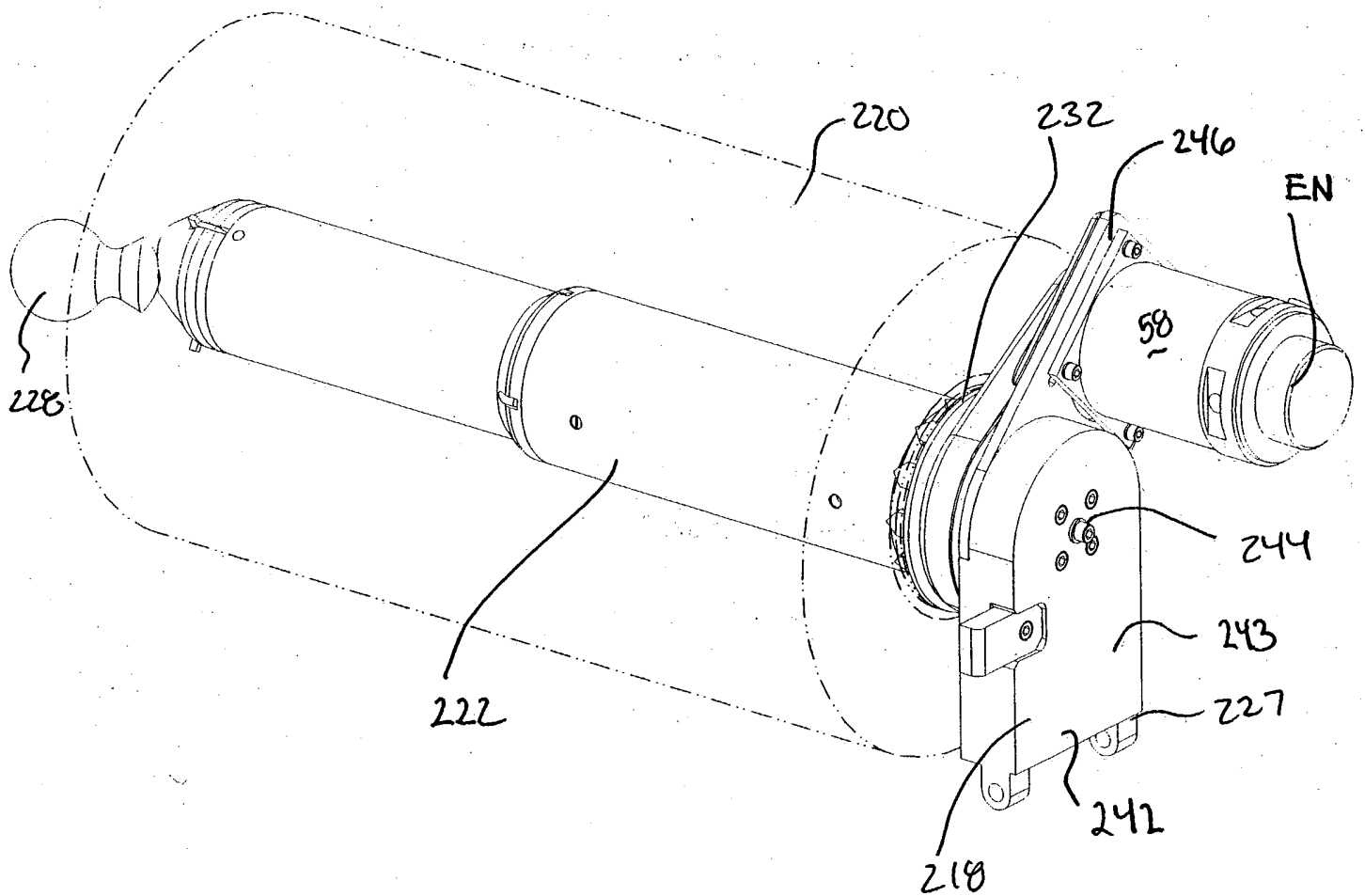


FIG 15B

FIG. 16



F16.17



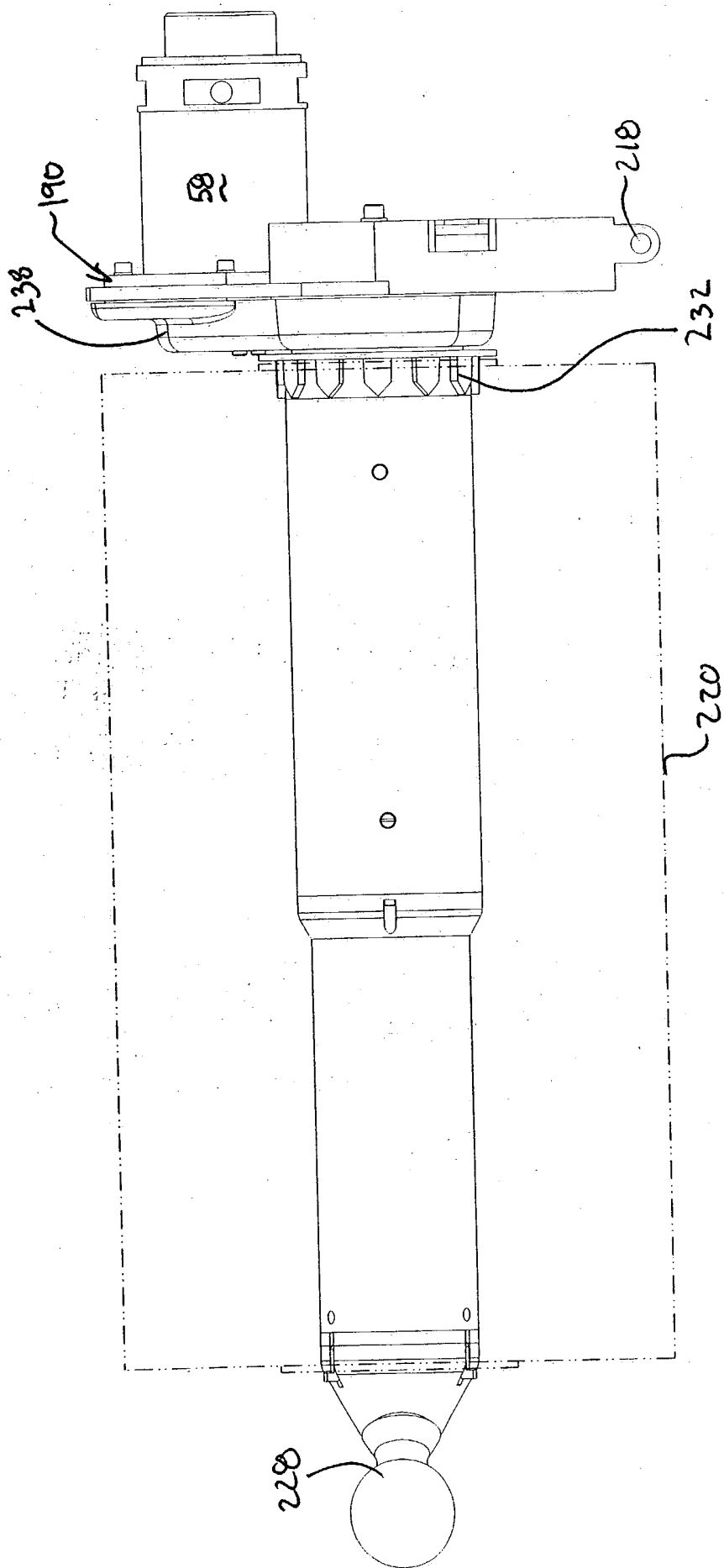


FIG. 18

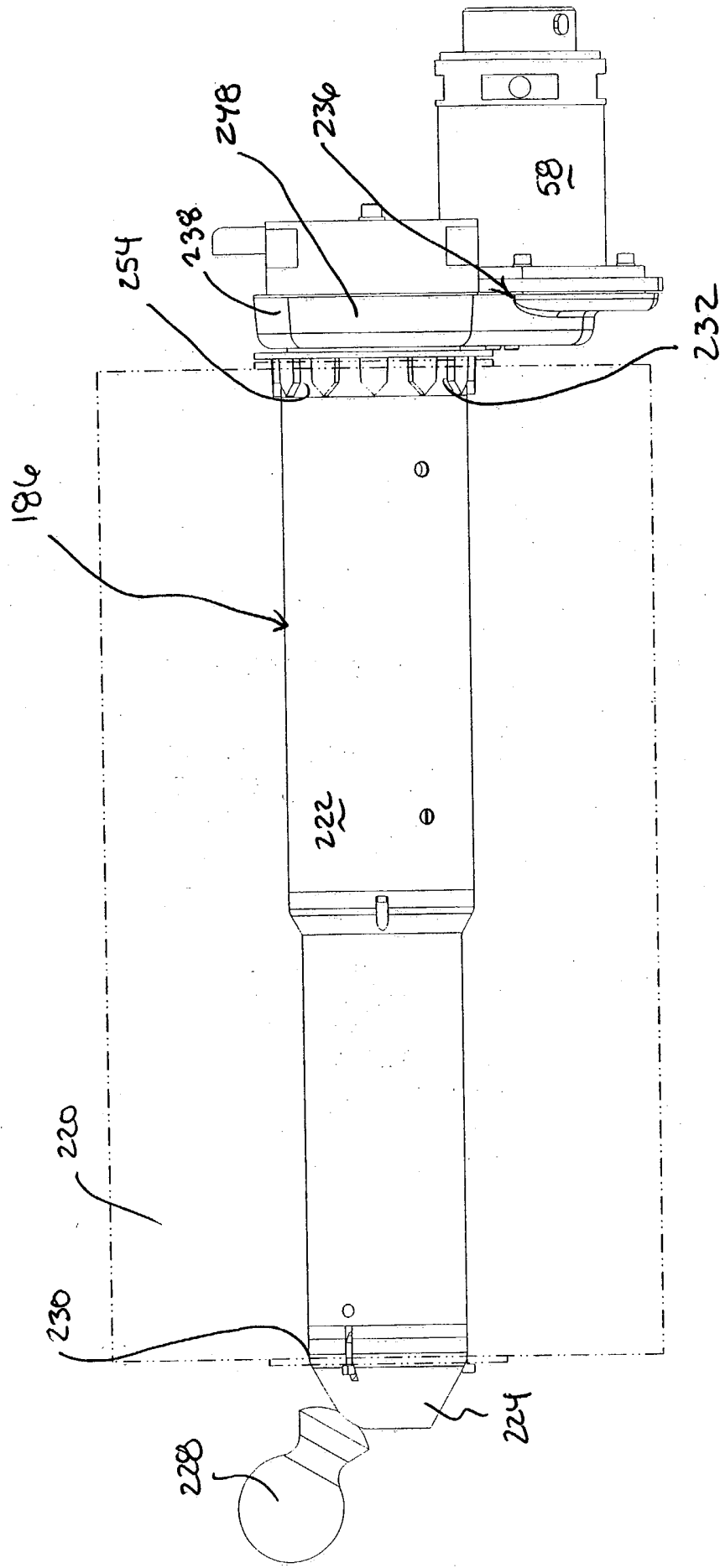
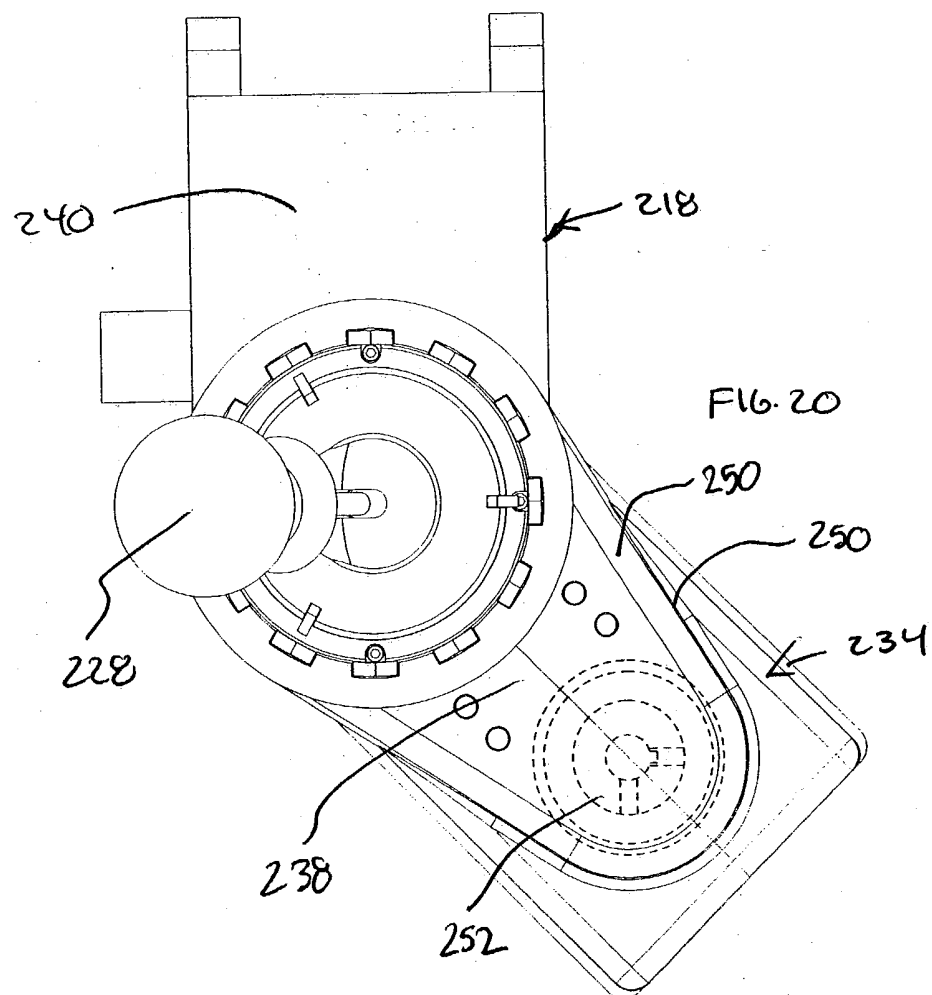


FIG. 19



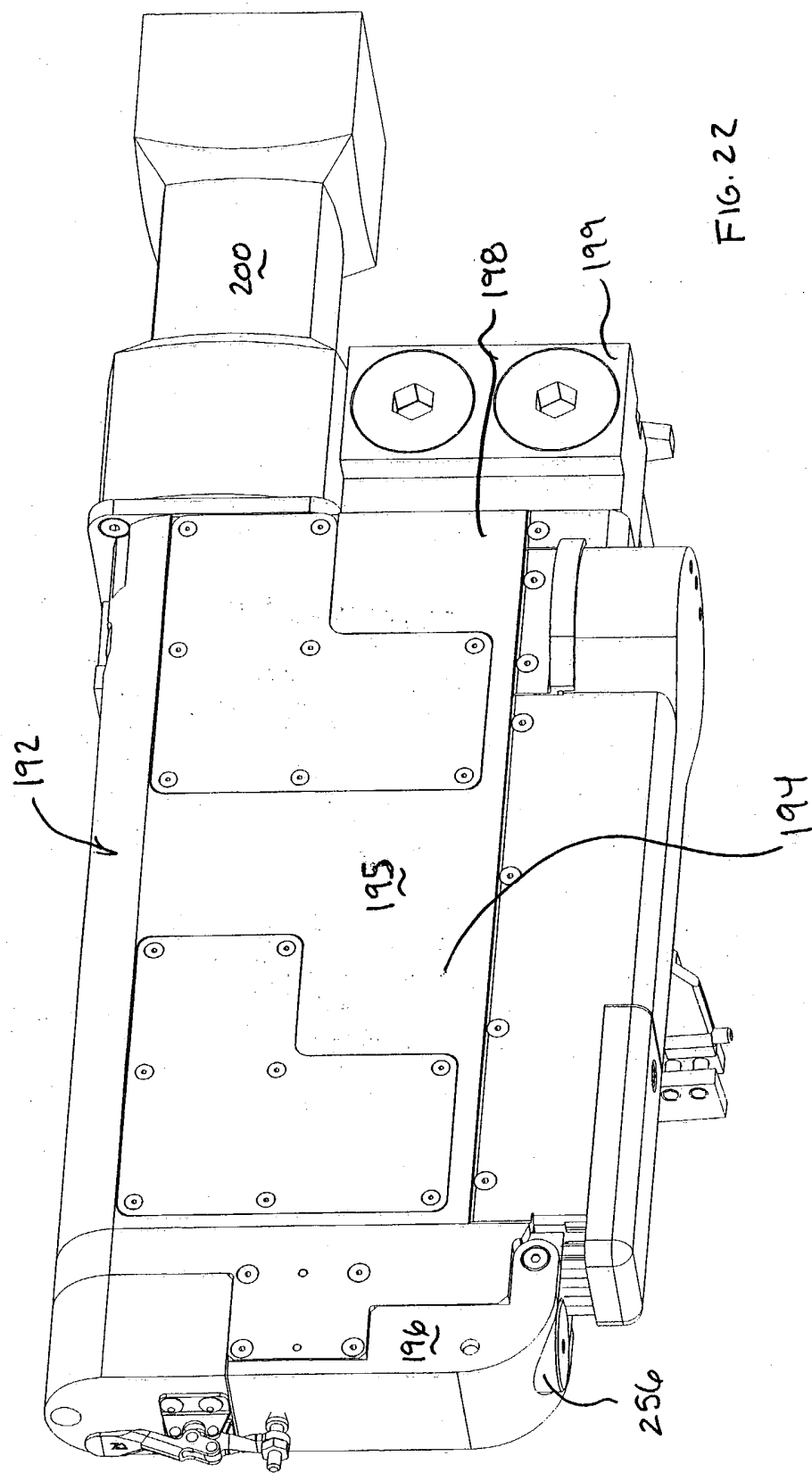
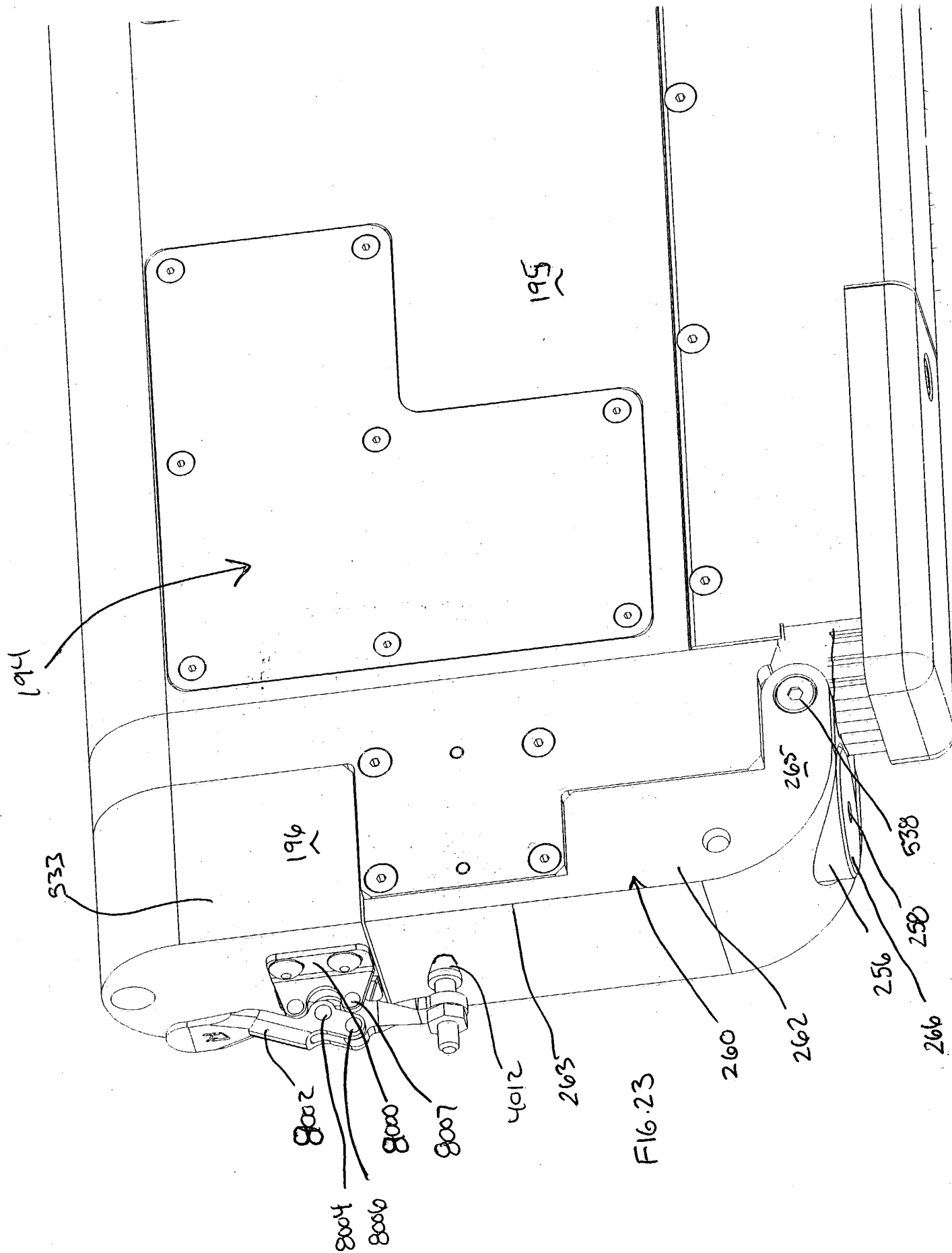
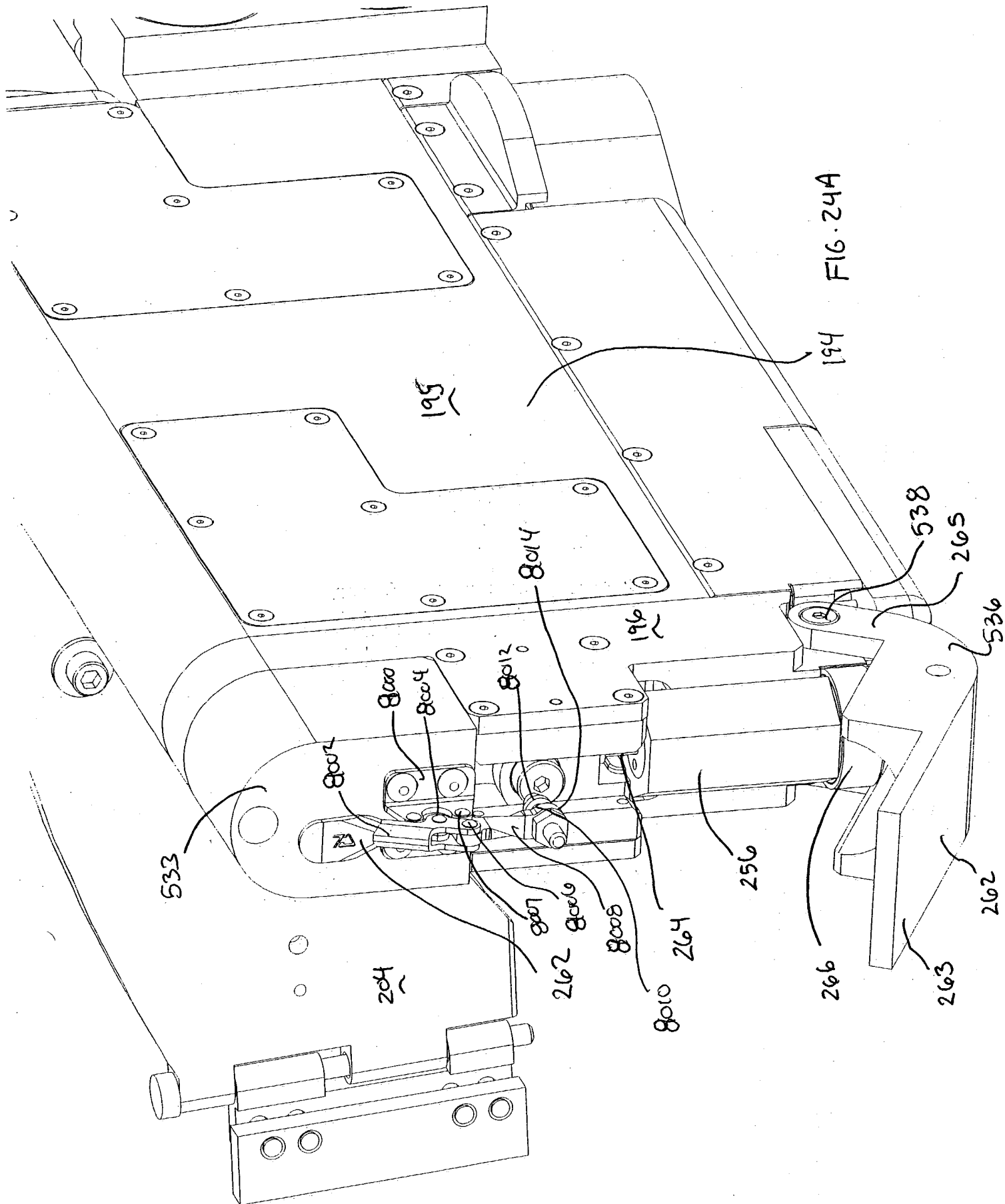


FIG. 22





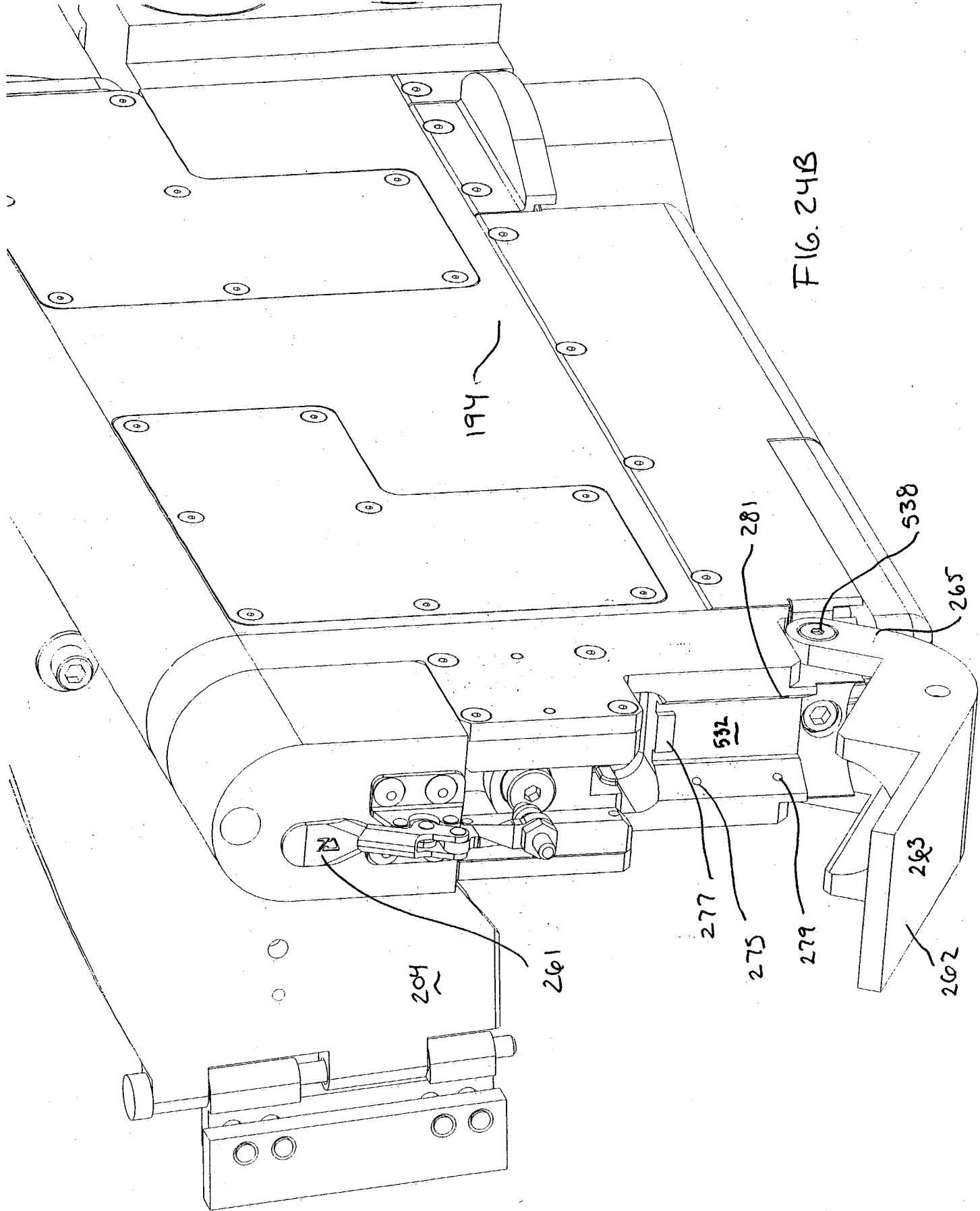


FIG. 24B

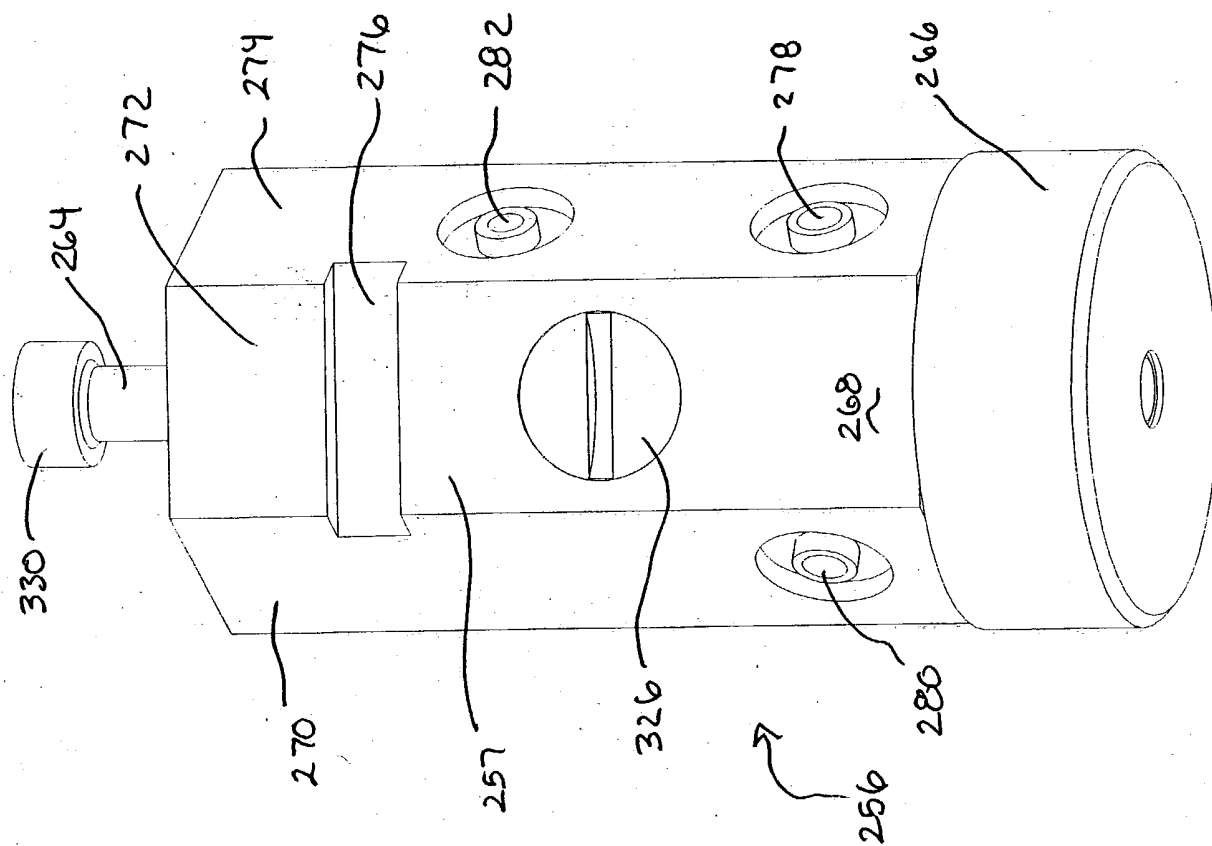


FIG. 25

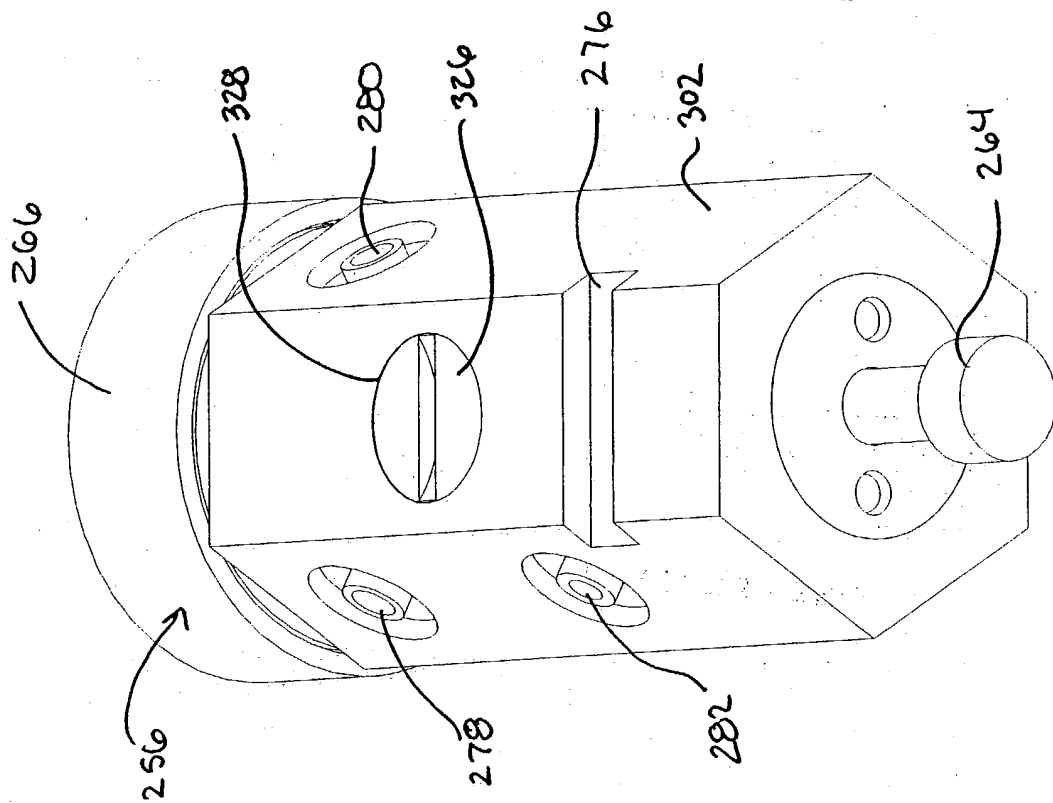
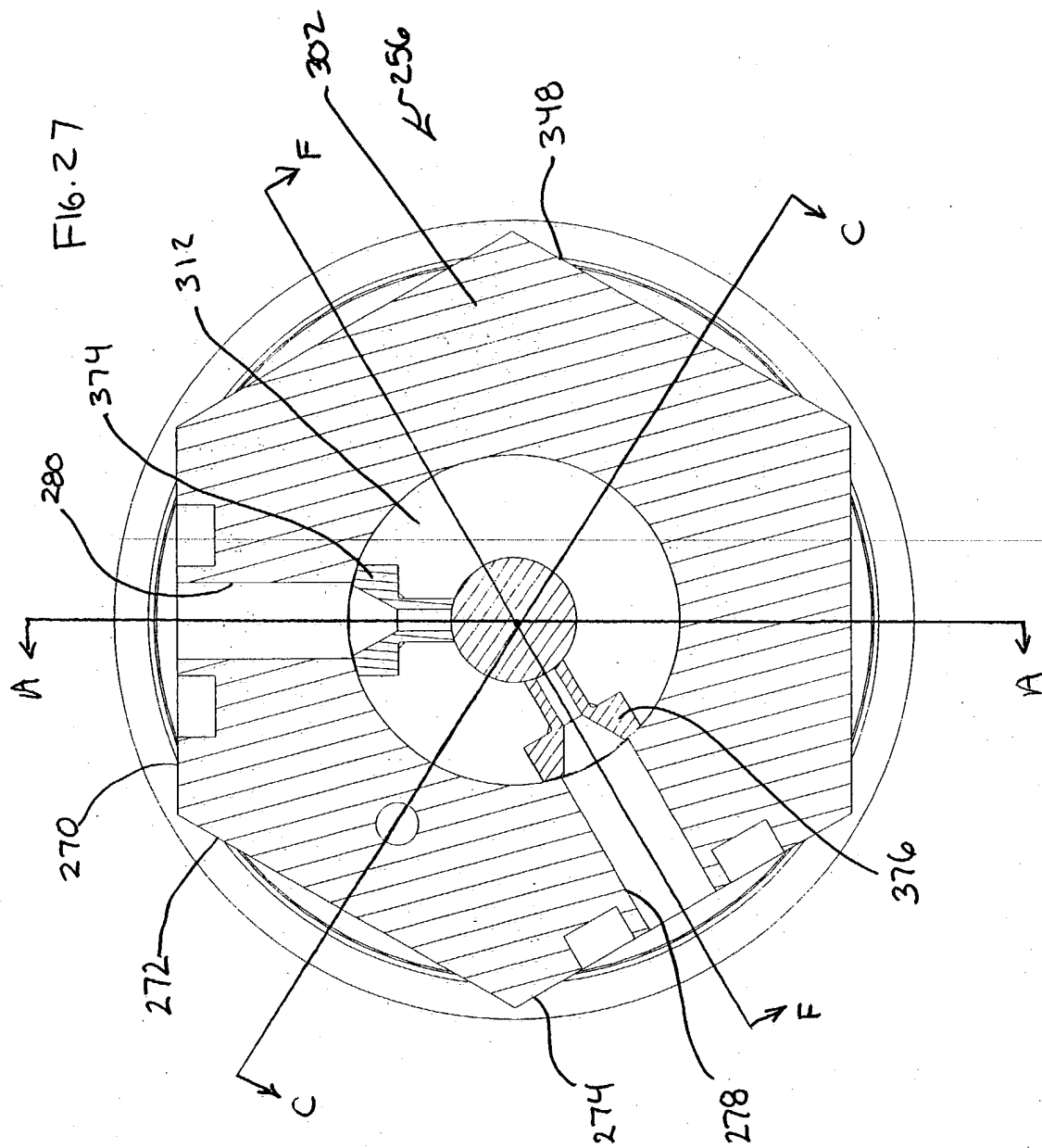
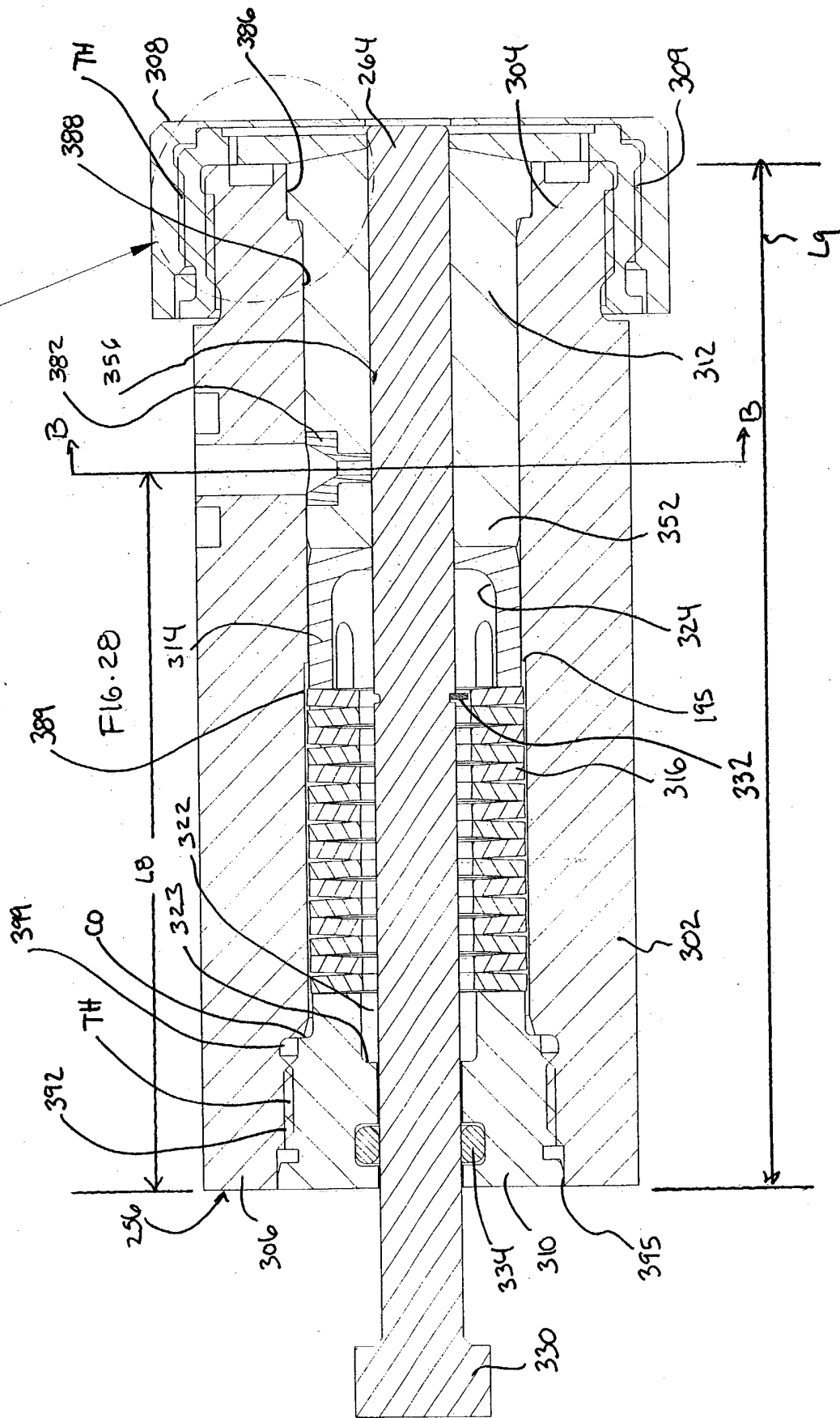
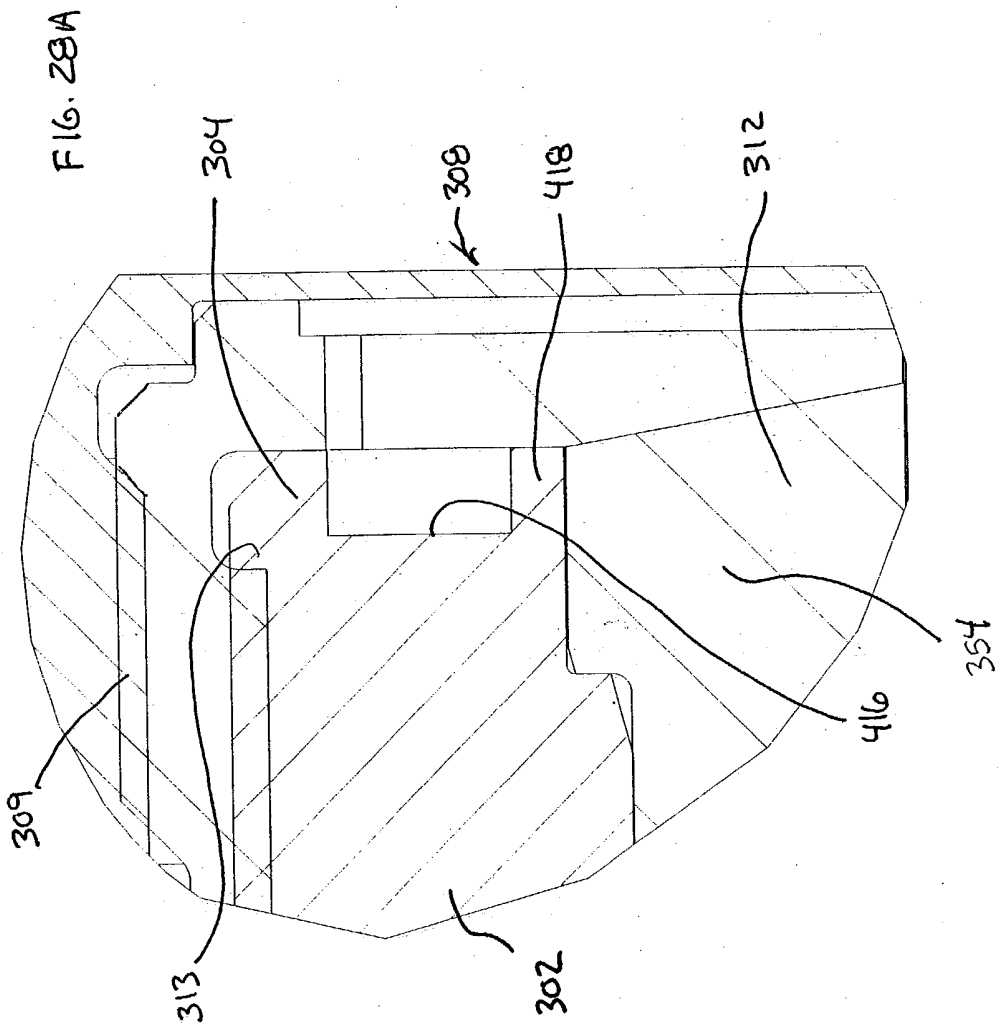


FIG. 26



SEE DETAIL 28A





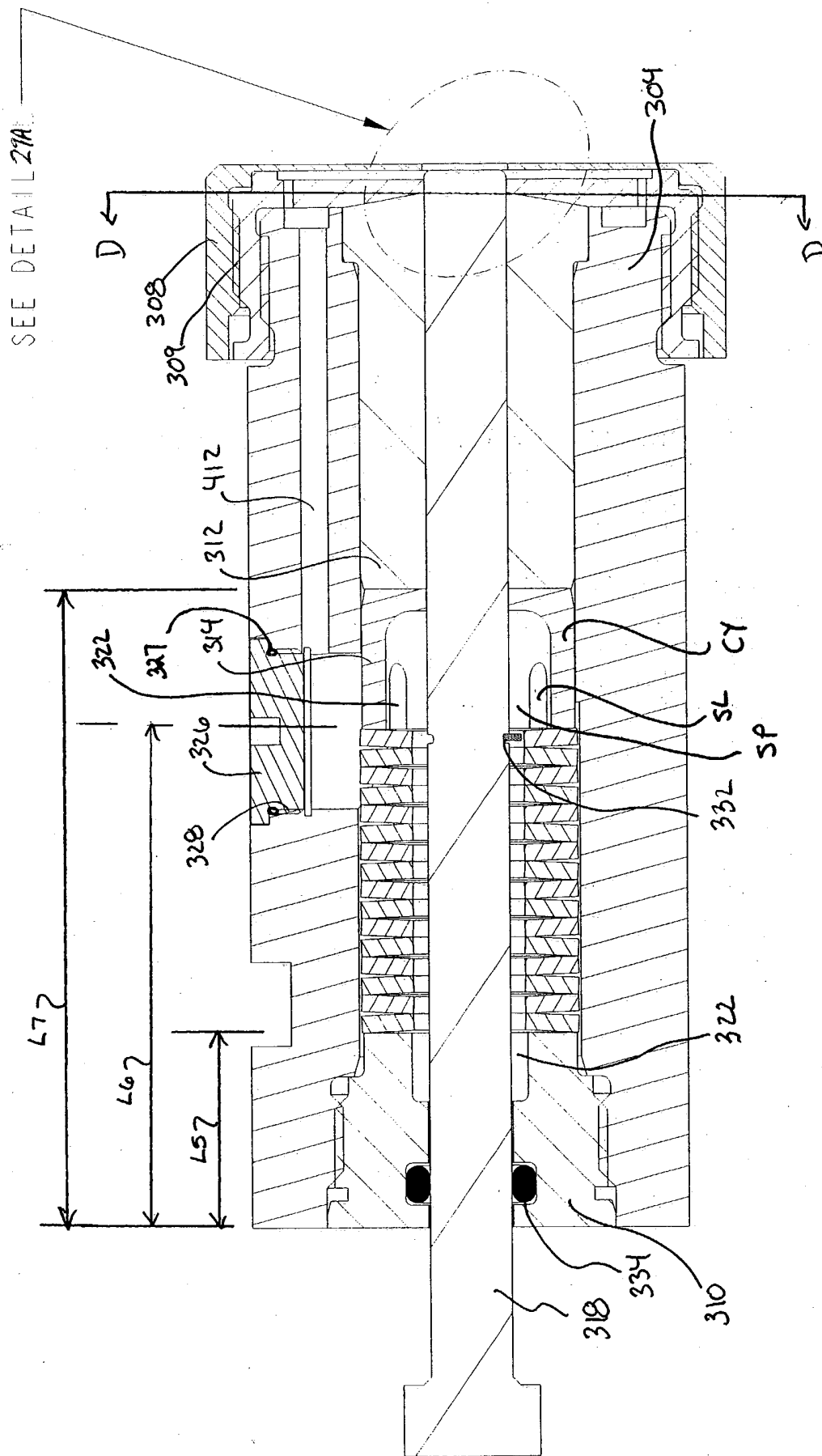


FIG. 29

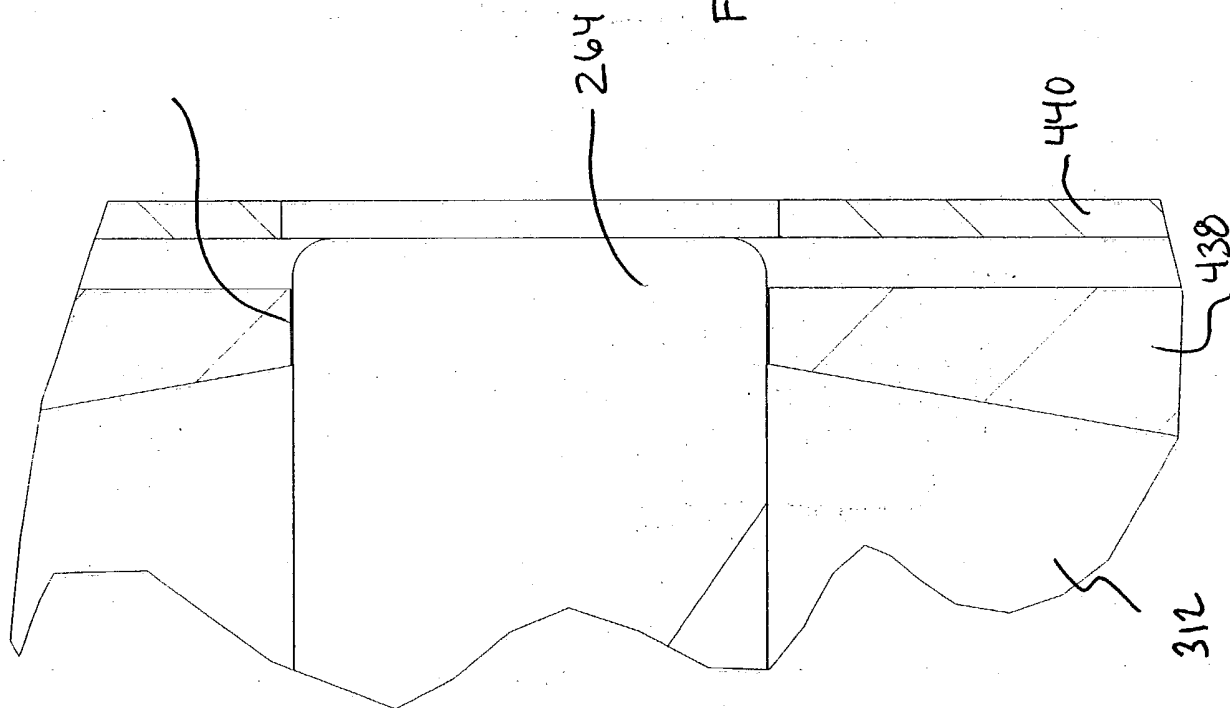
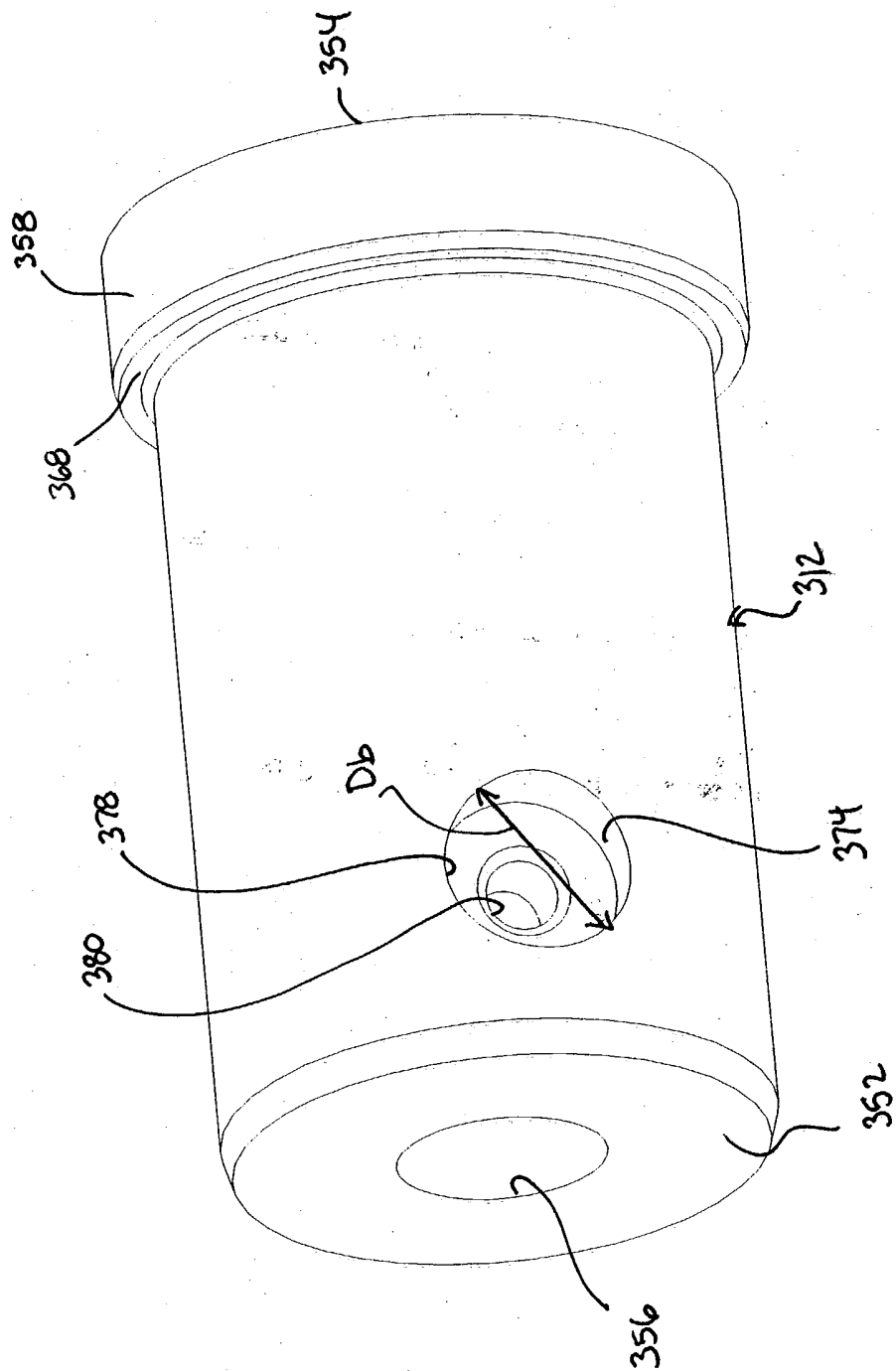
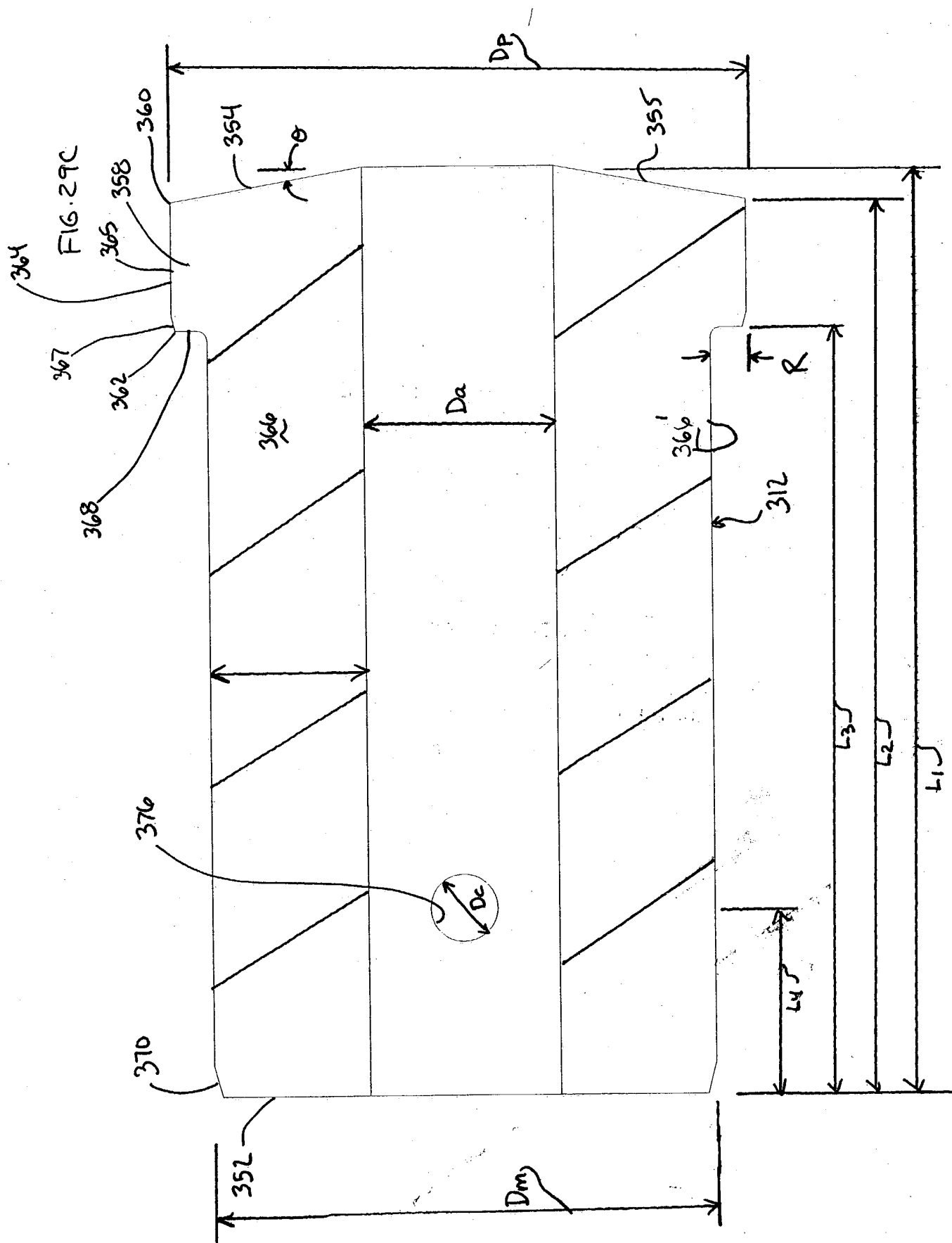


FIG. 29A

FIG. 29B





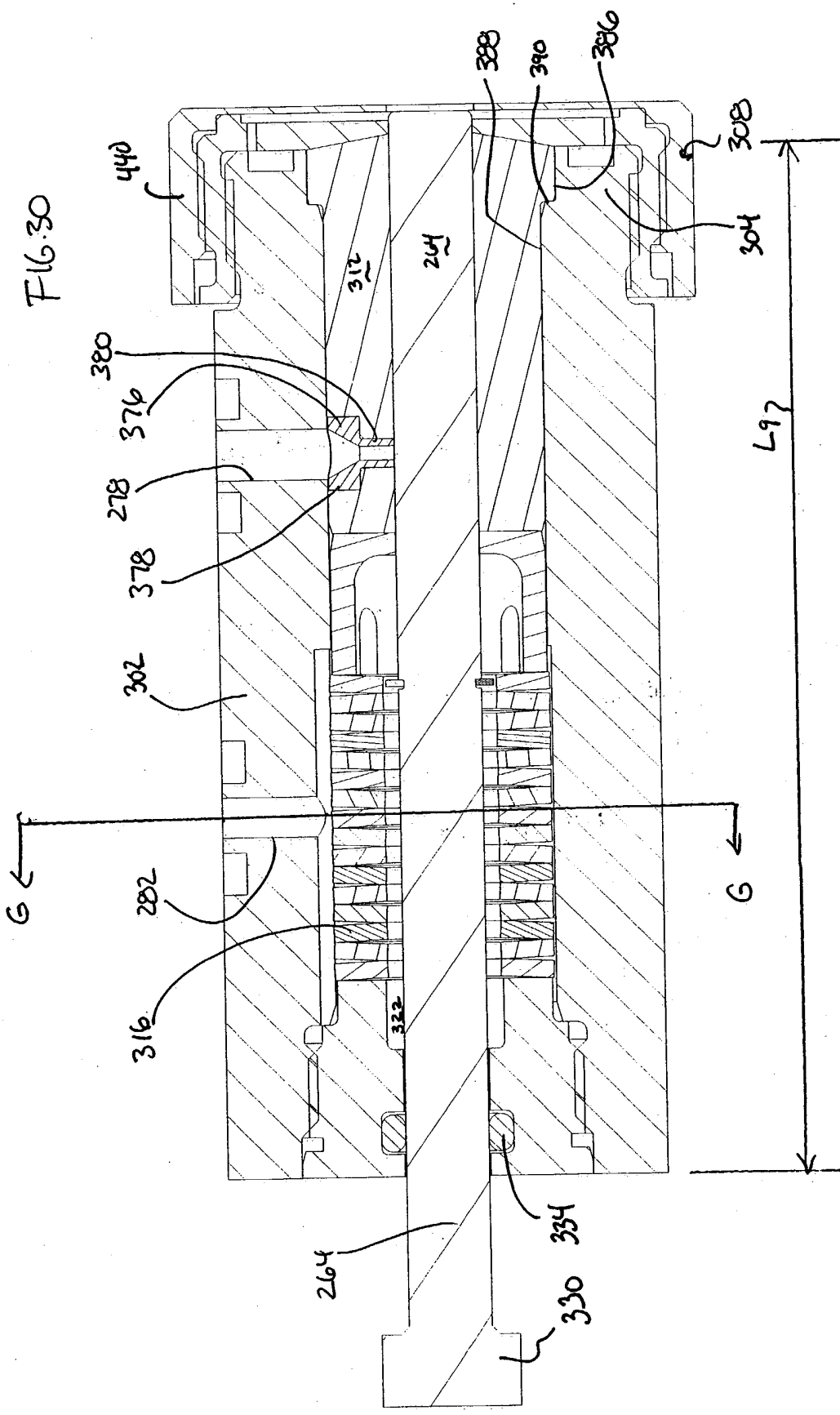
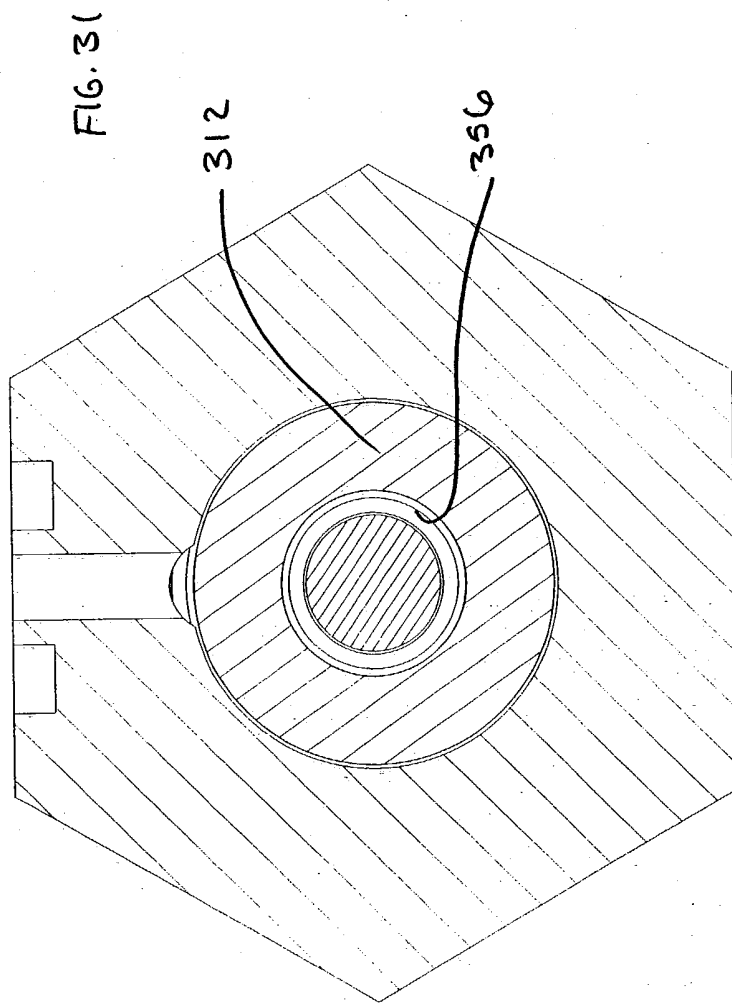


FIG. 30



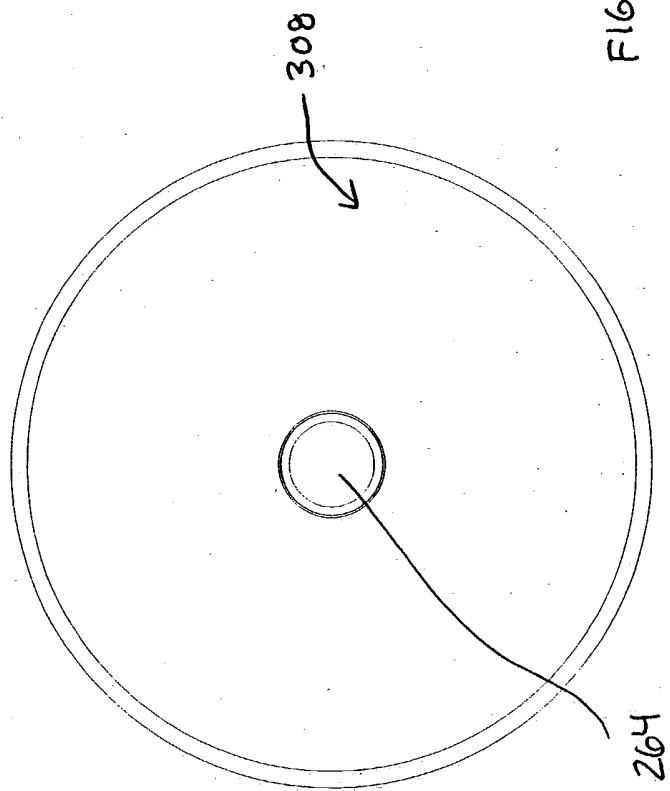


FIG. 32

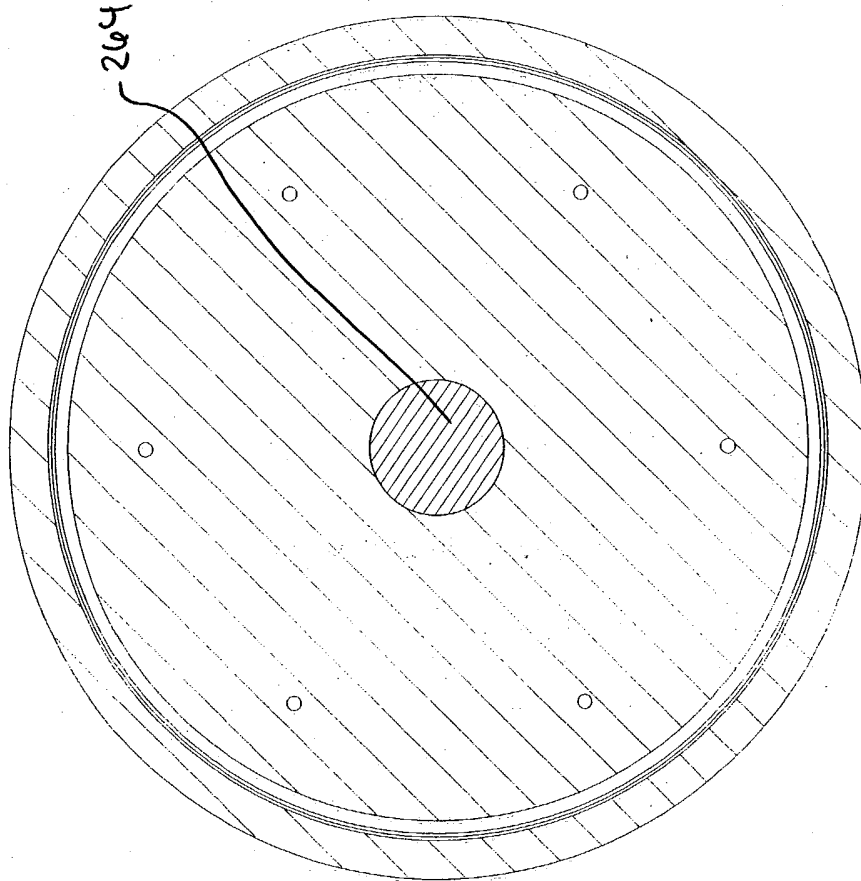
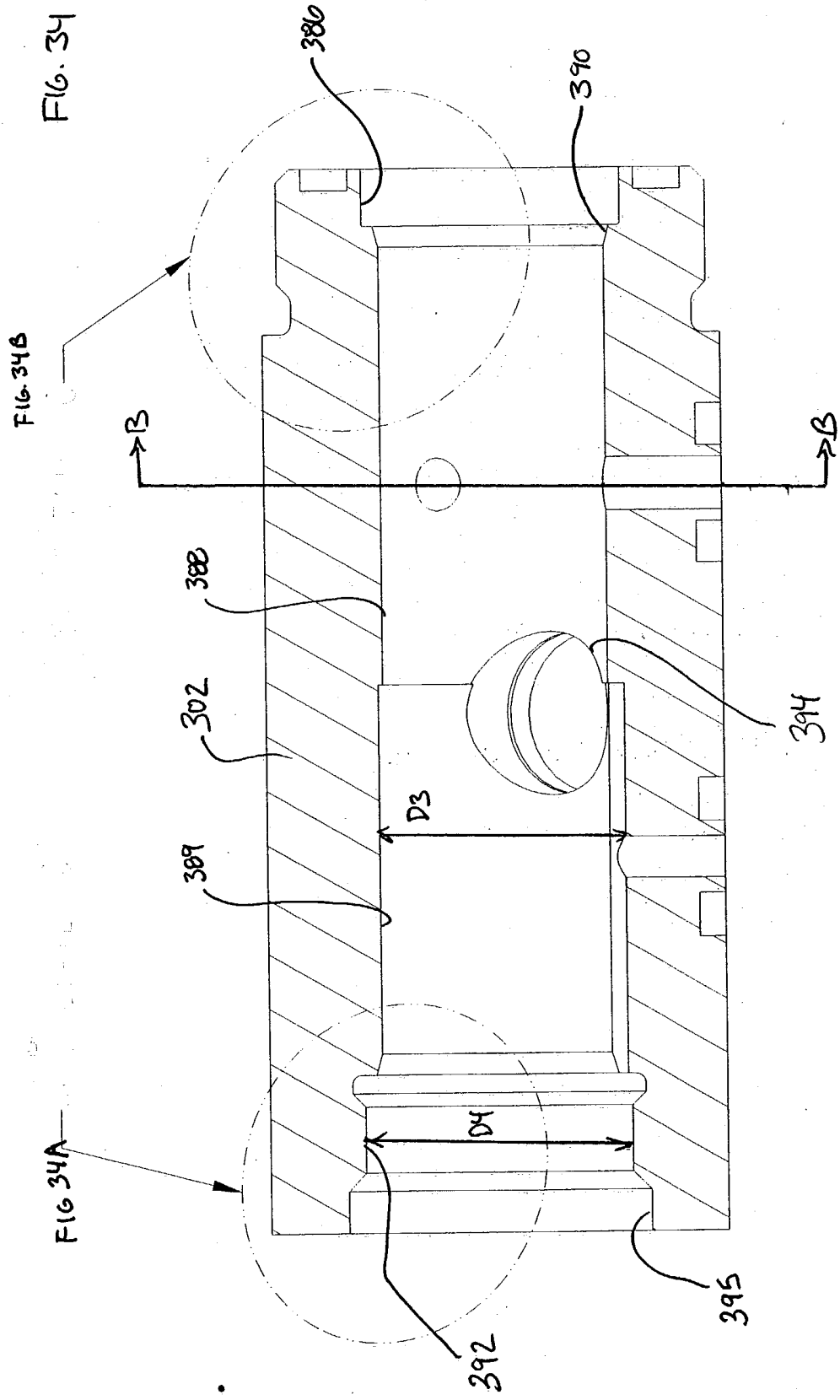


FIG. 33



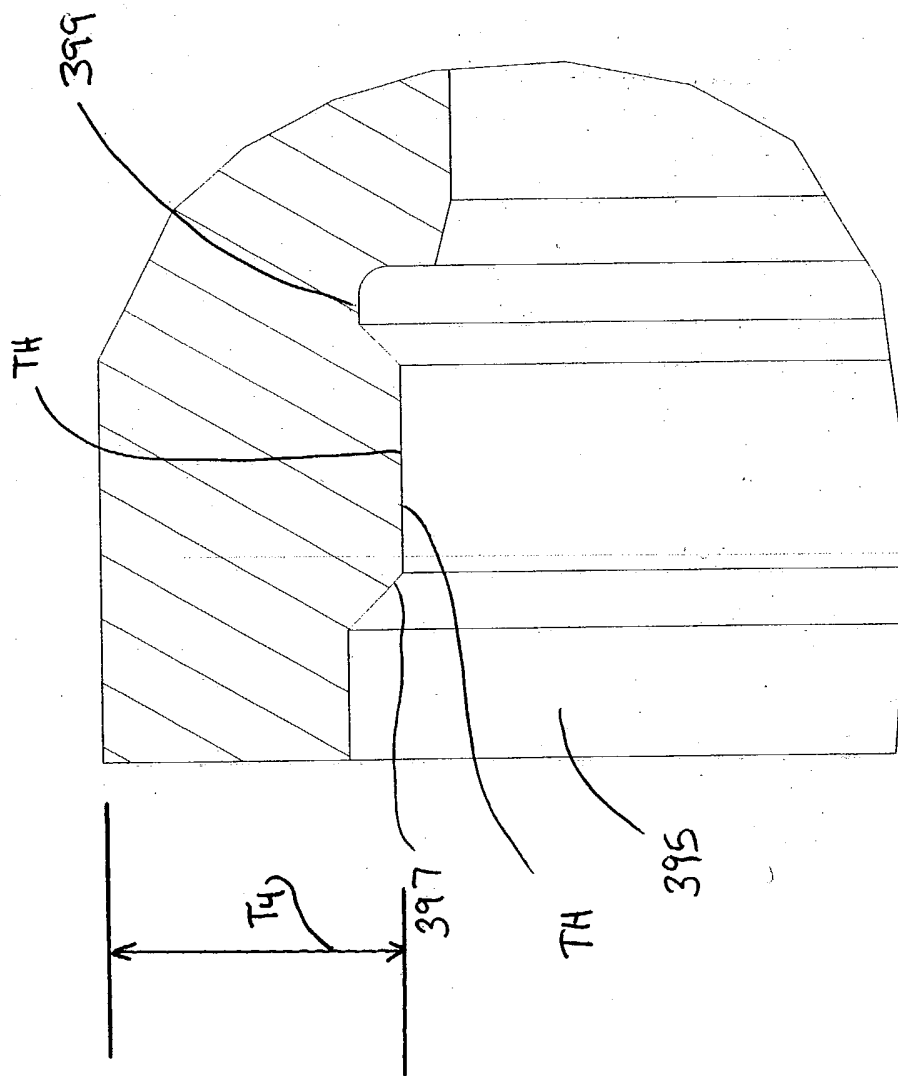


FIG. 34A

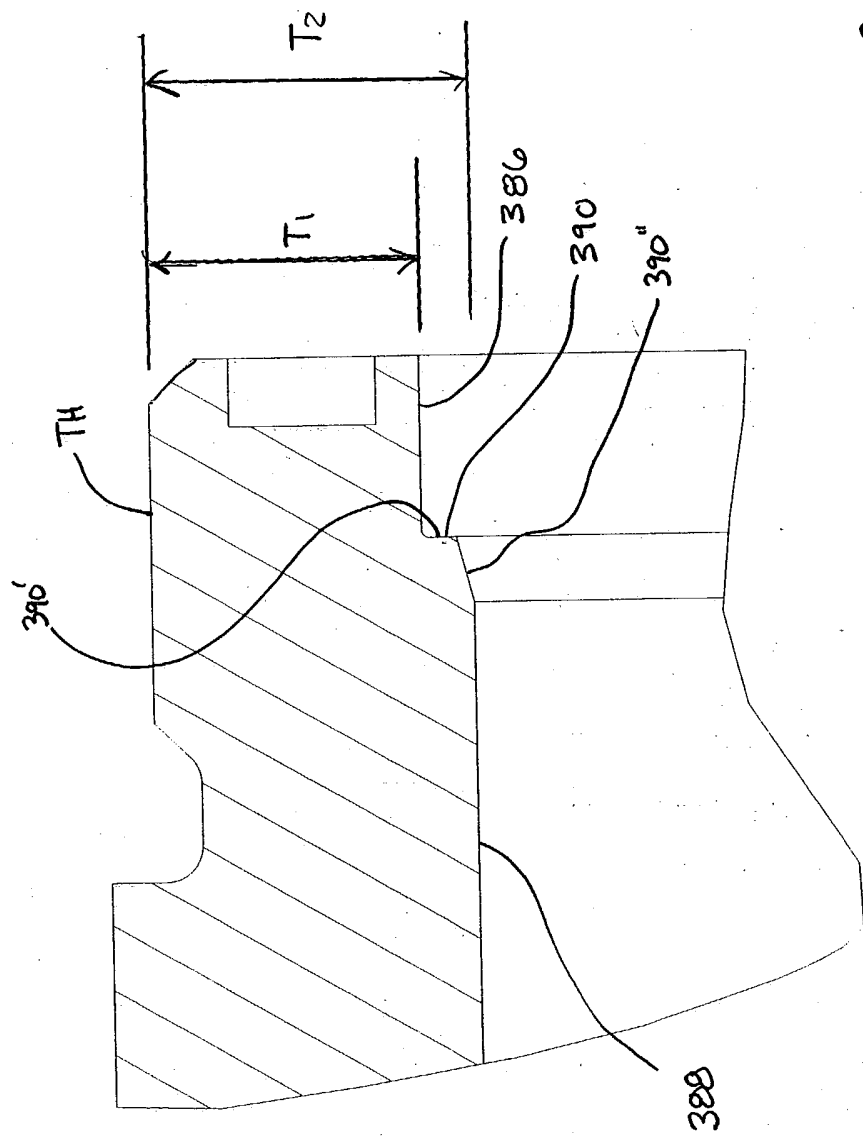
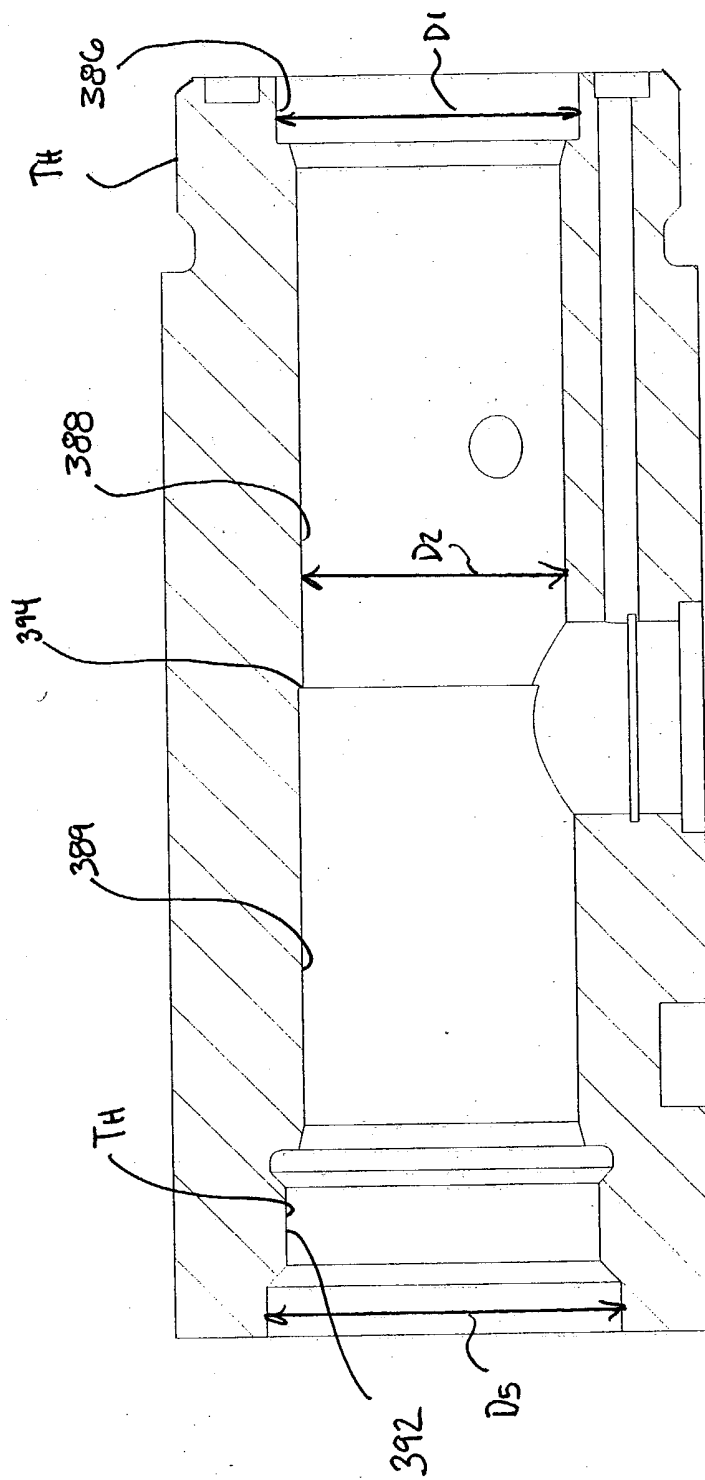


FIG. 34B



F16-35

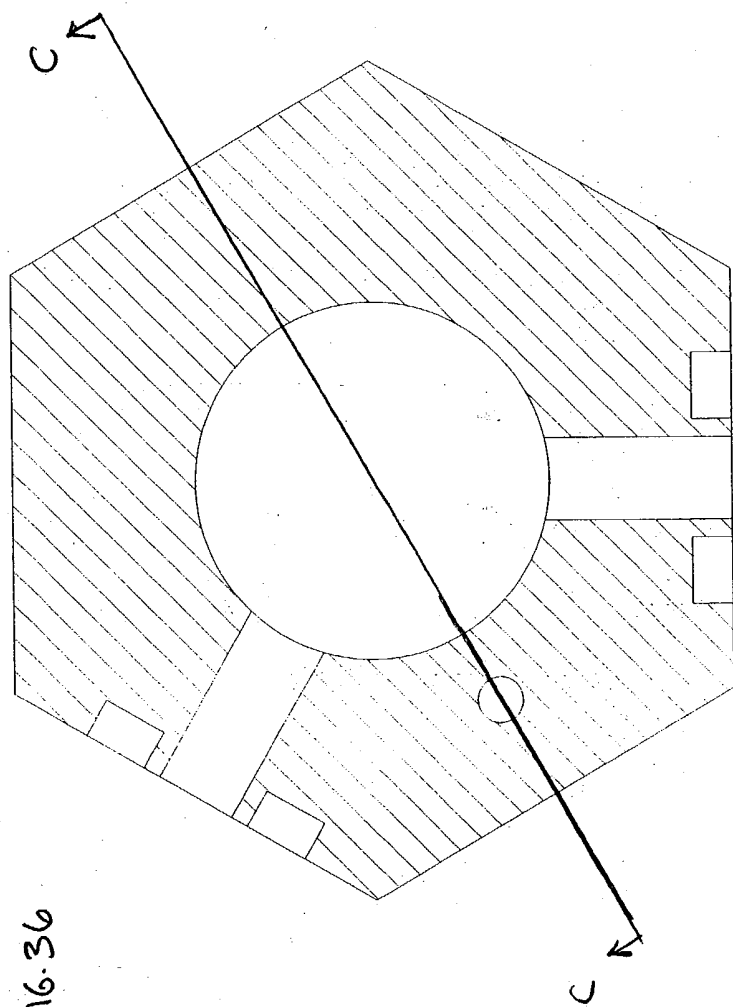


FIG. 36

FIG. 37

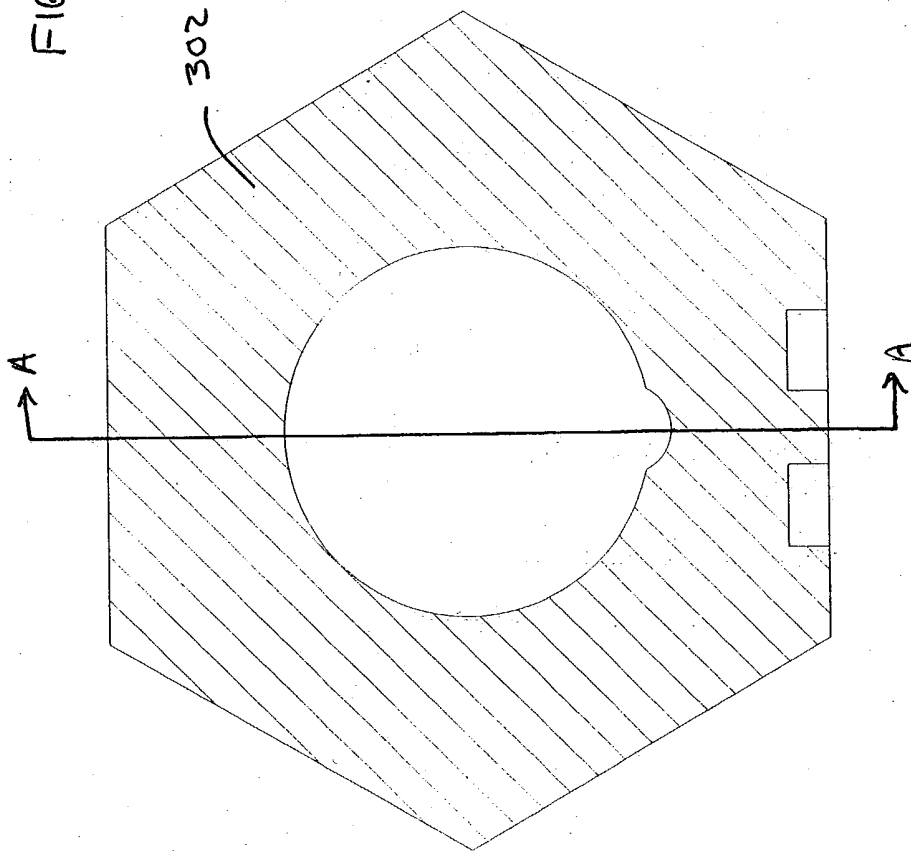
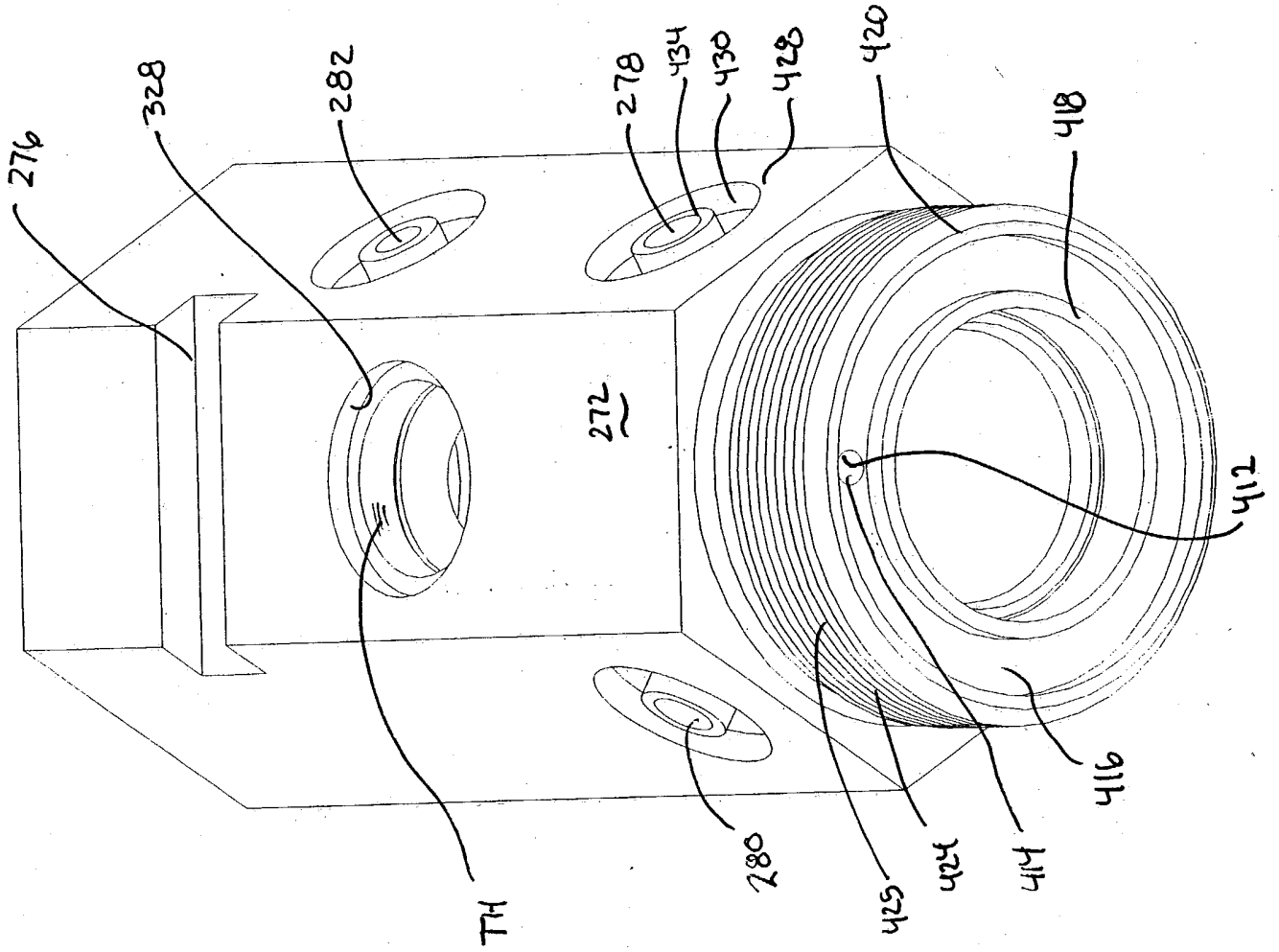
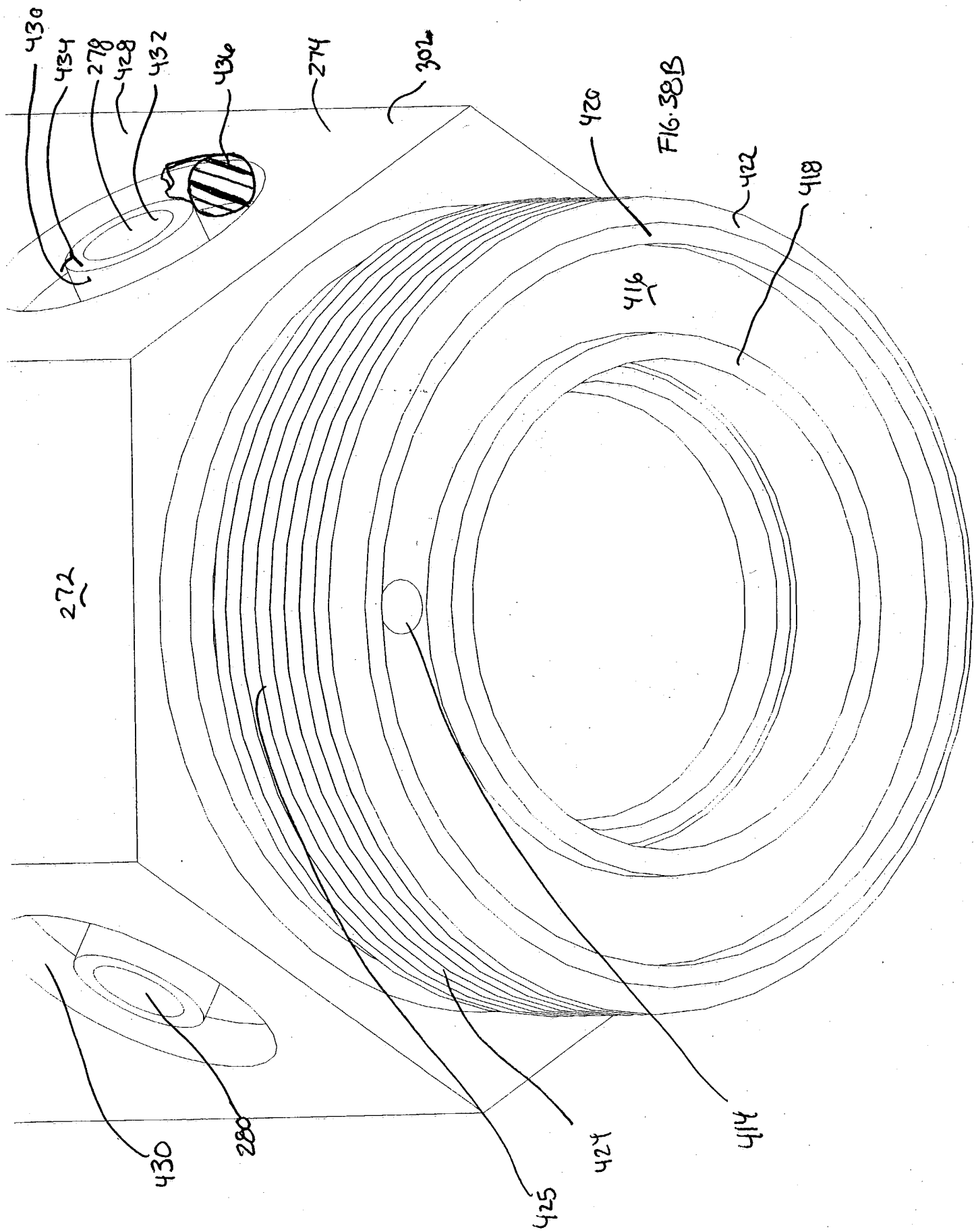
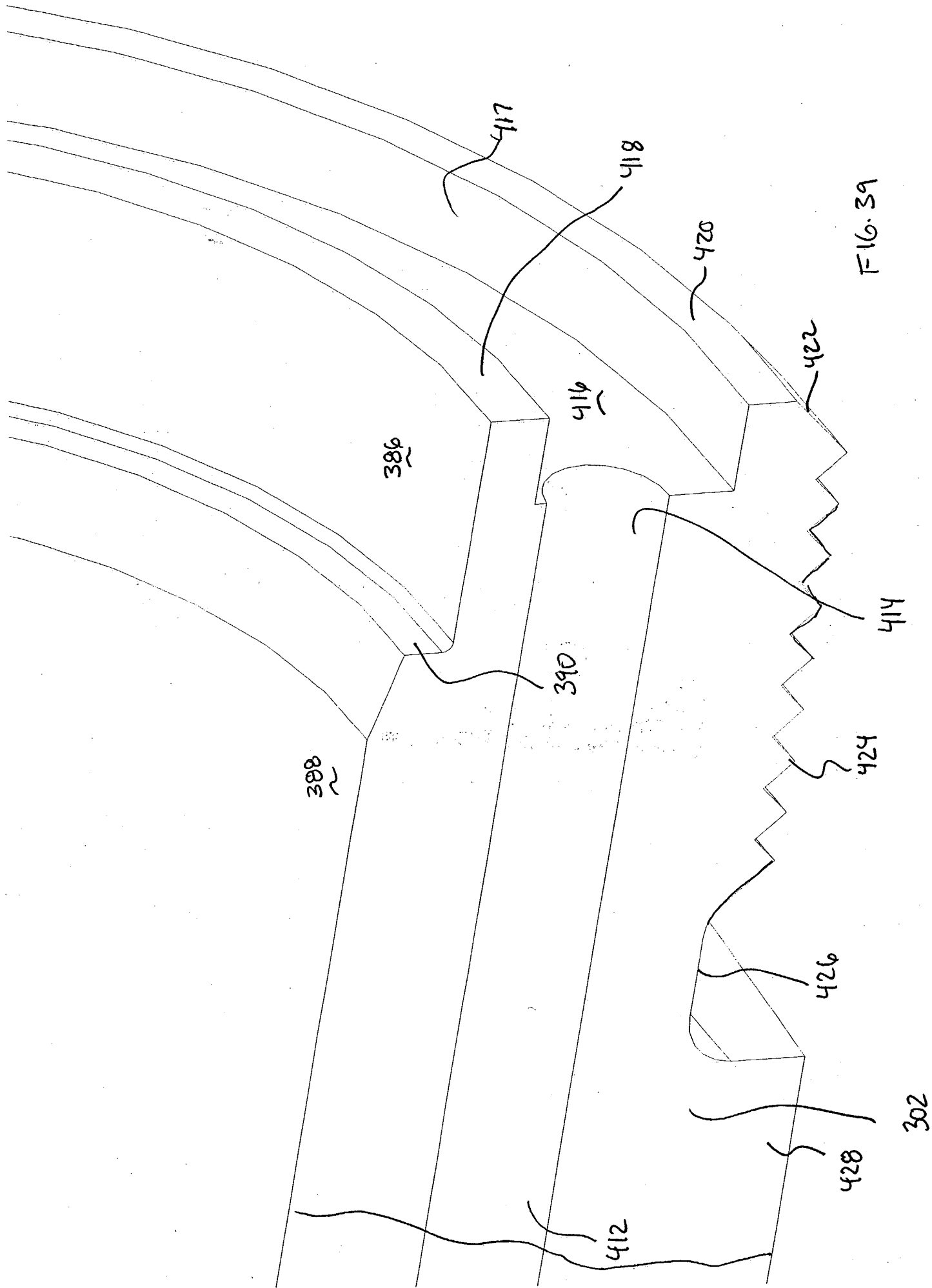


FIG. 38A







F16.39

FIG. 40

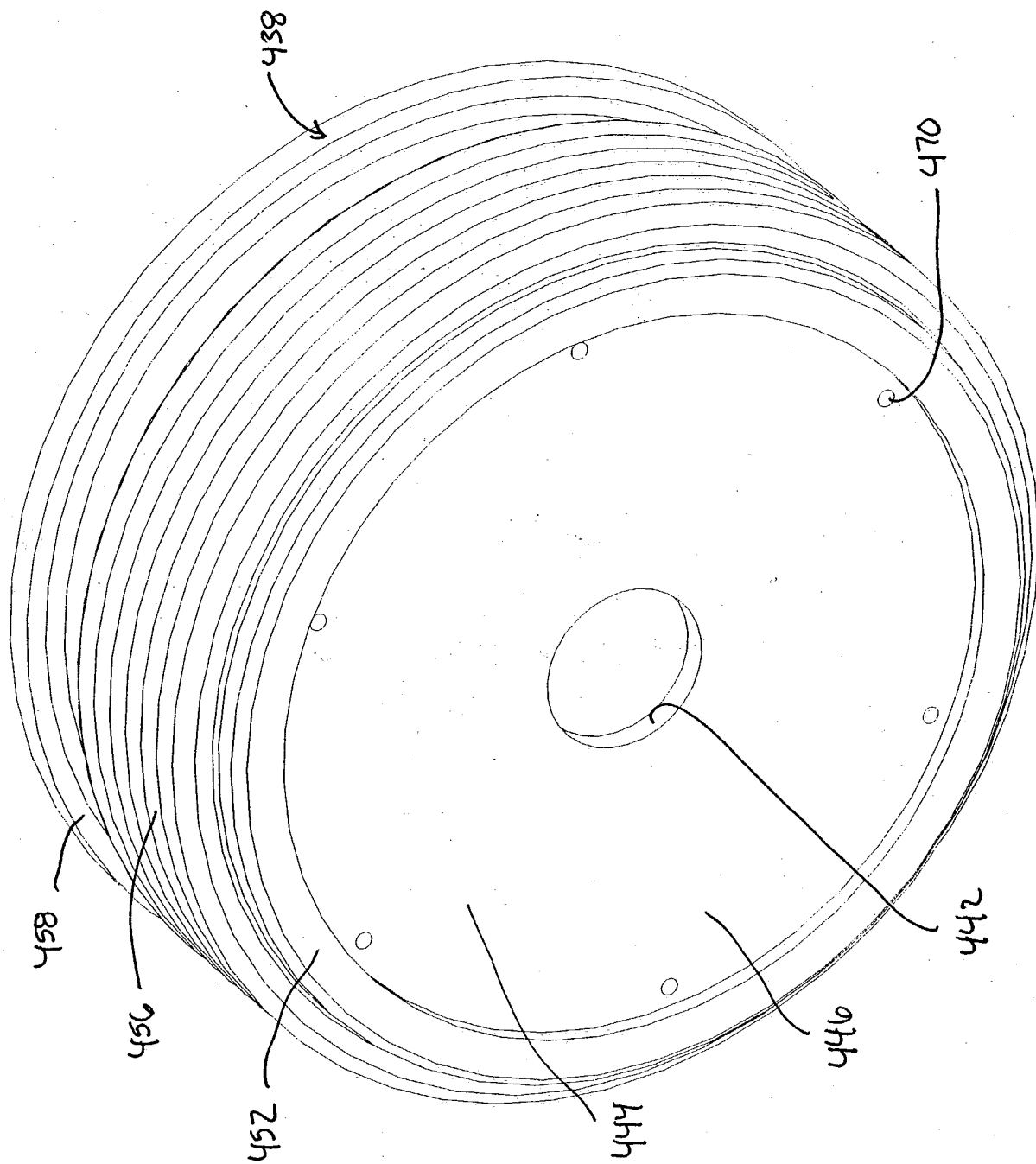
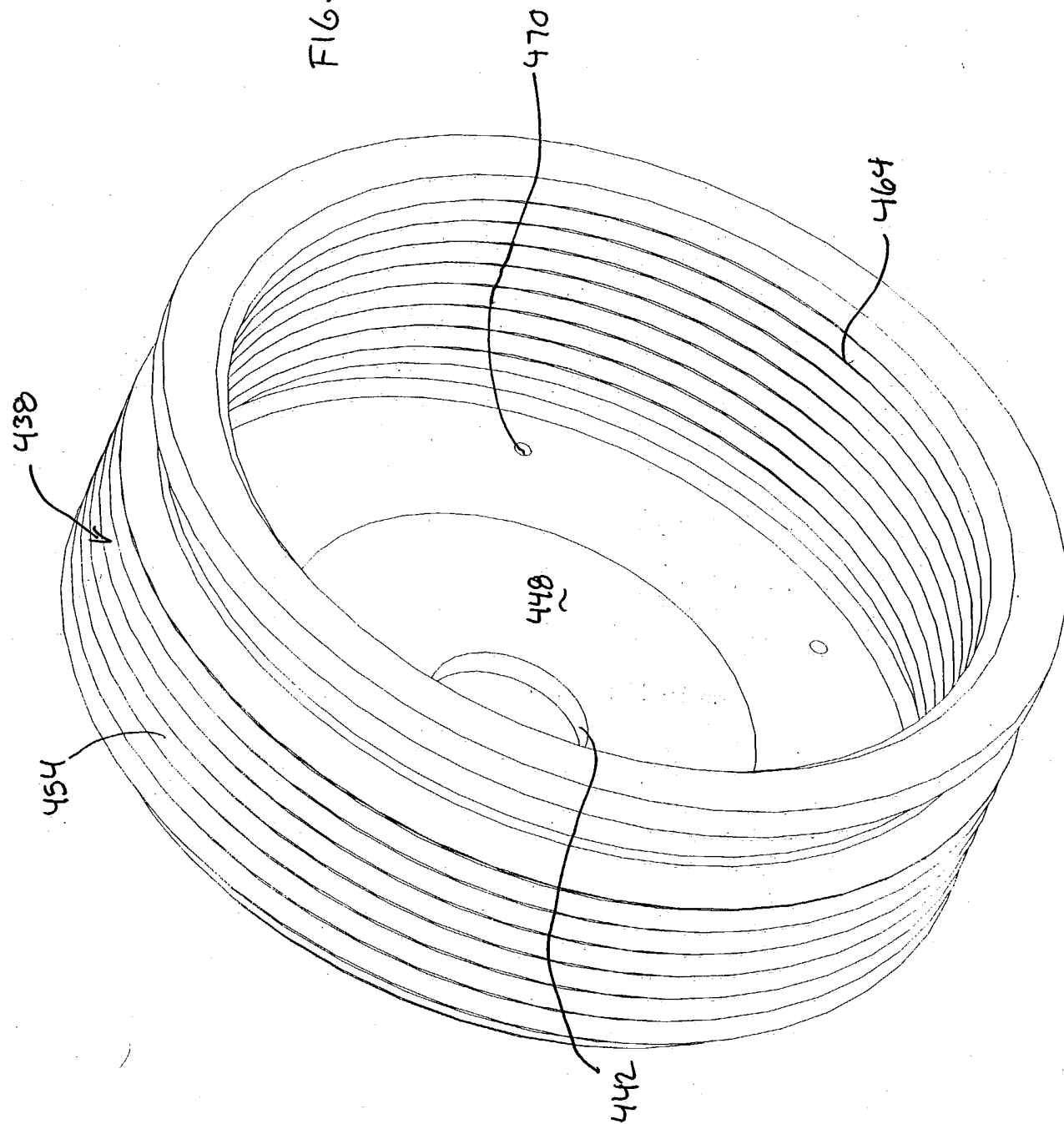
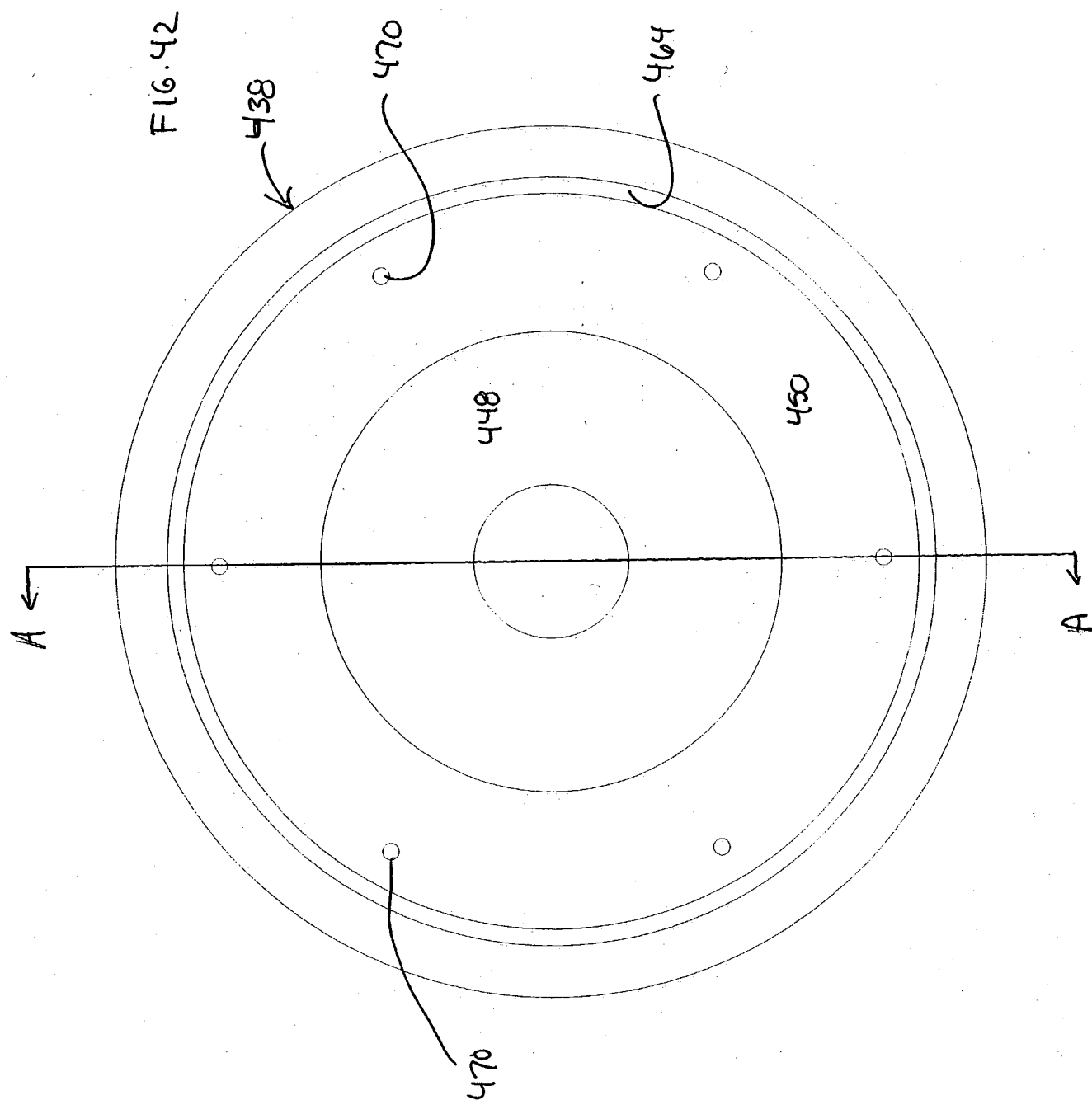


FIG. 41





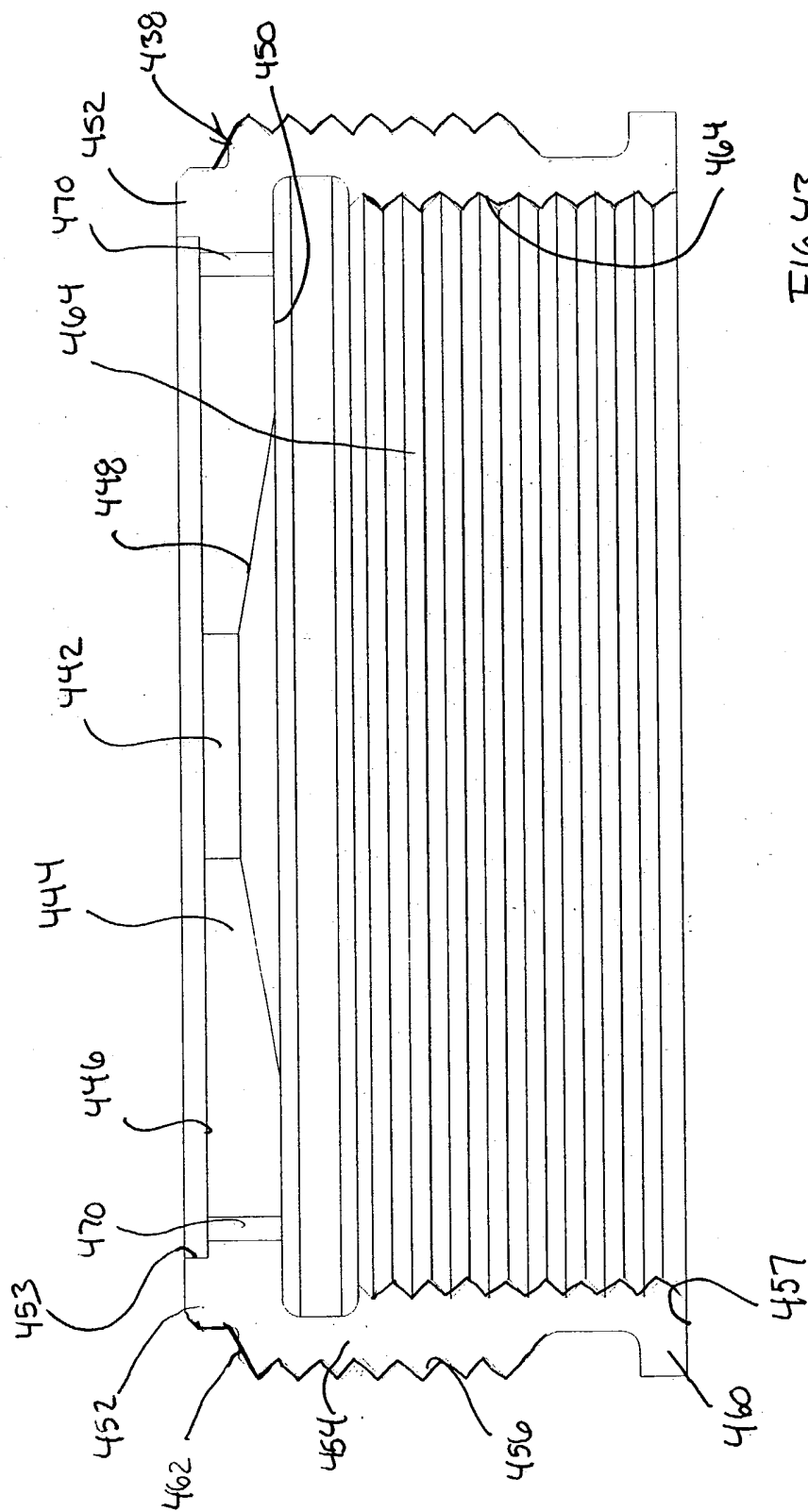
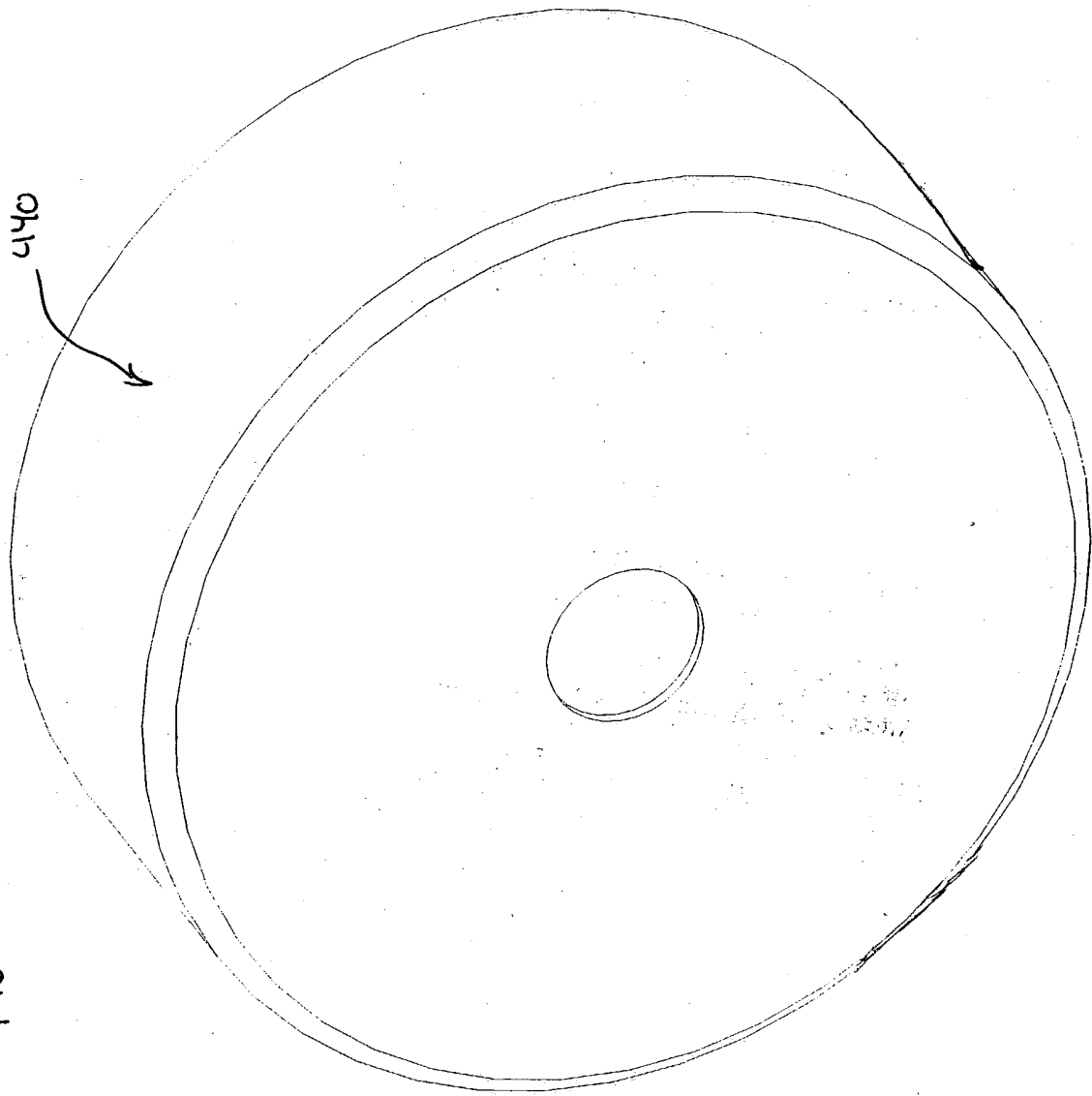


FIG. 43

FIG. 44



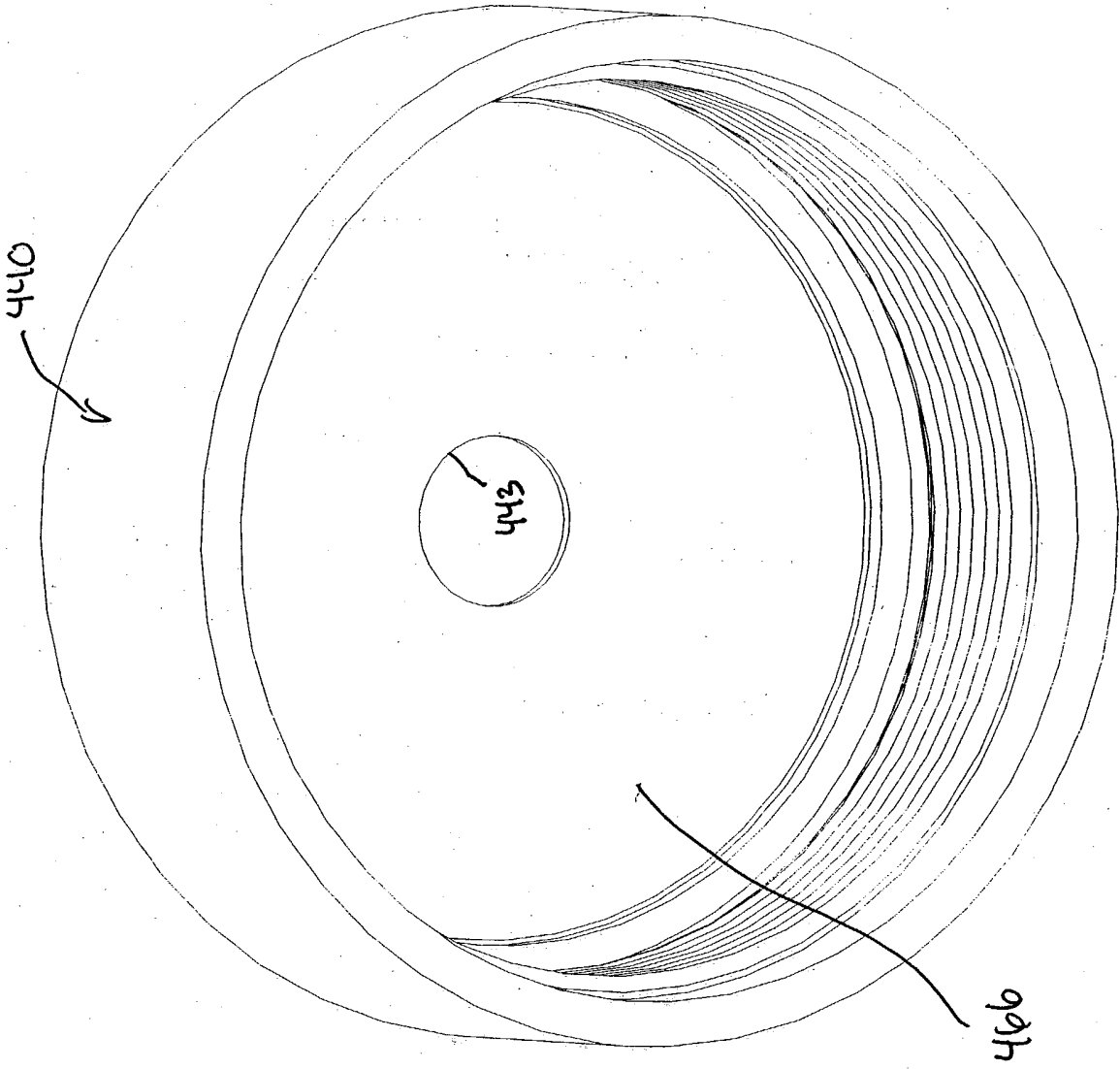
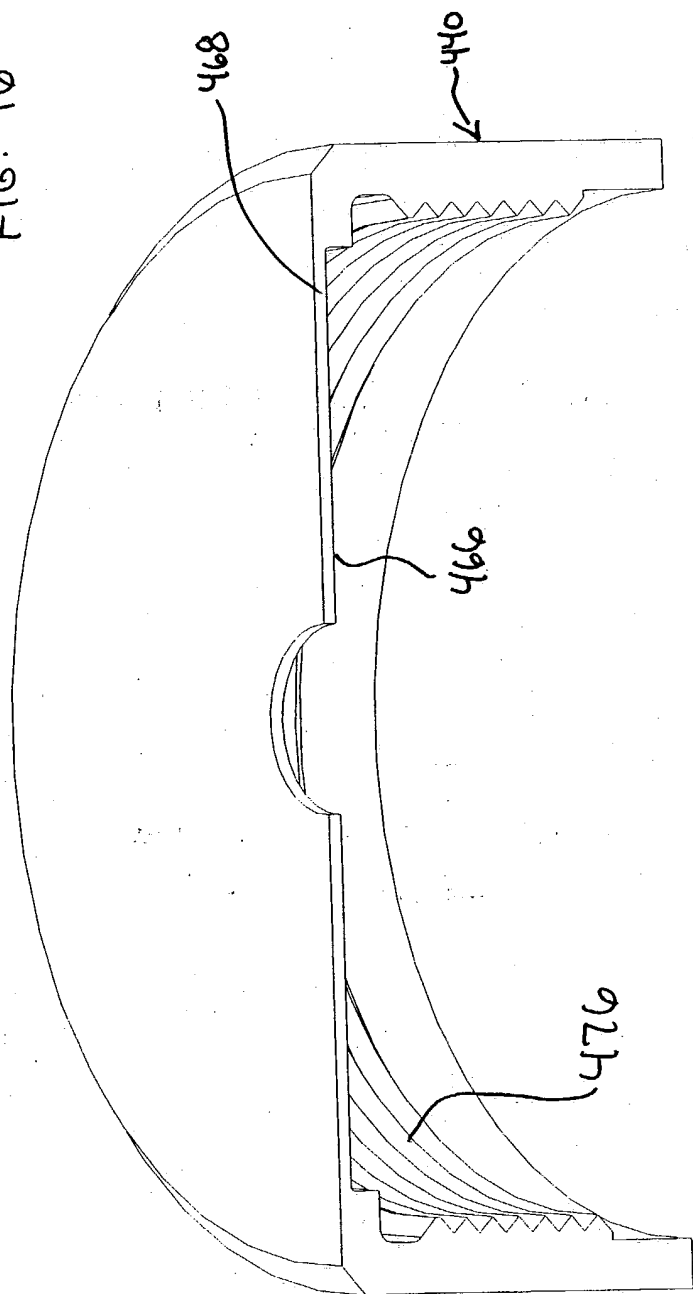


FIG. 45

FIG. 46



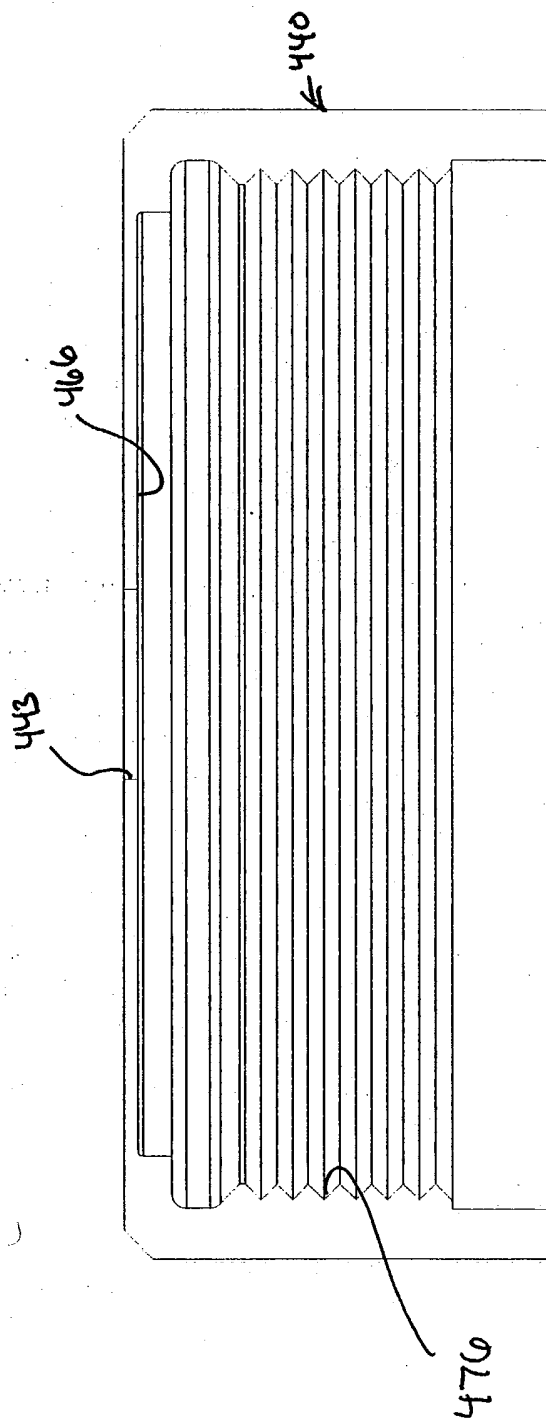
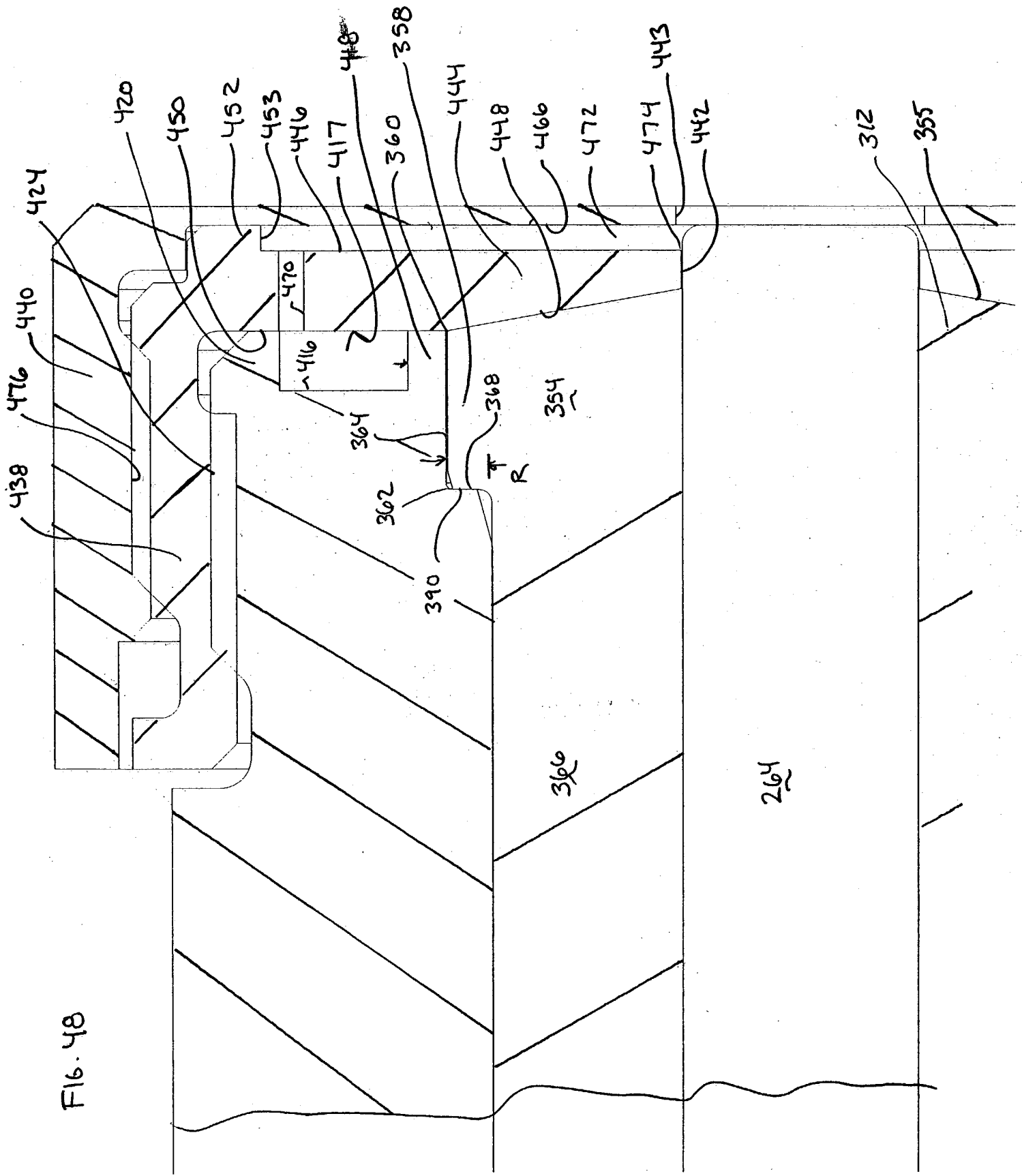
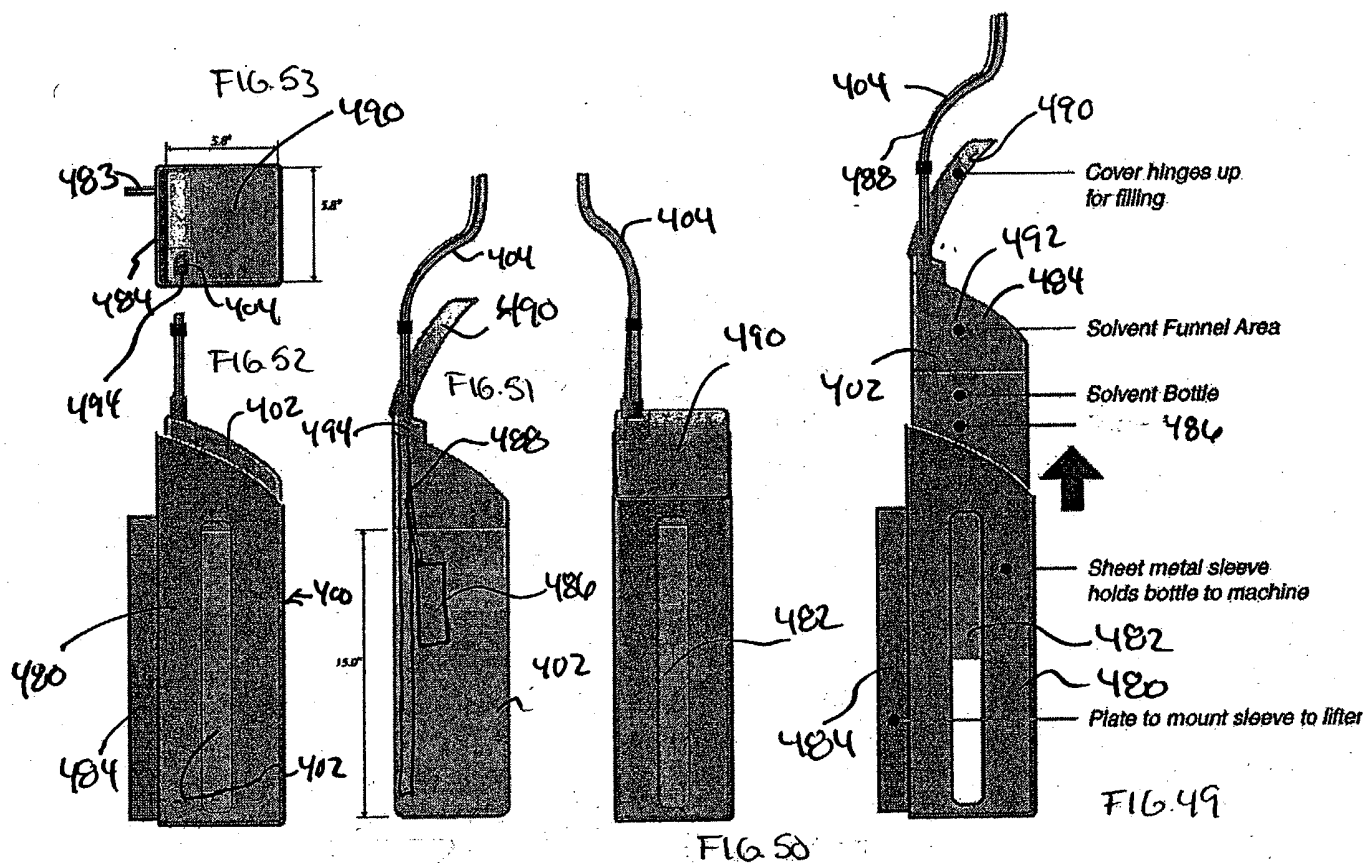


FIG. 47

FIG. 48





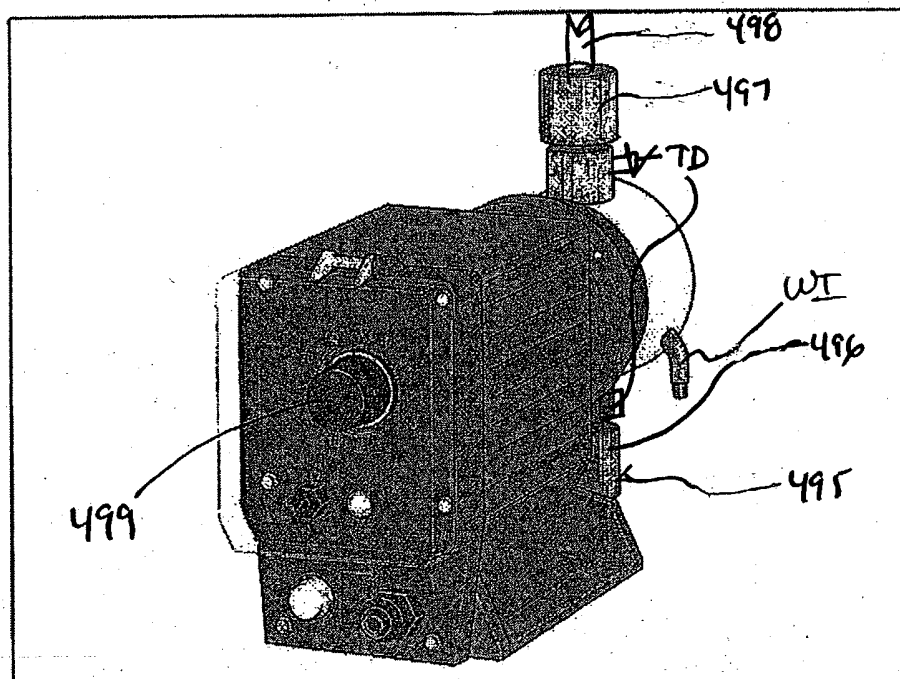
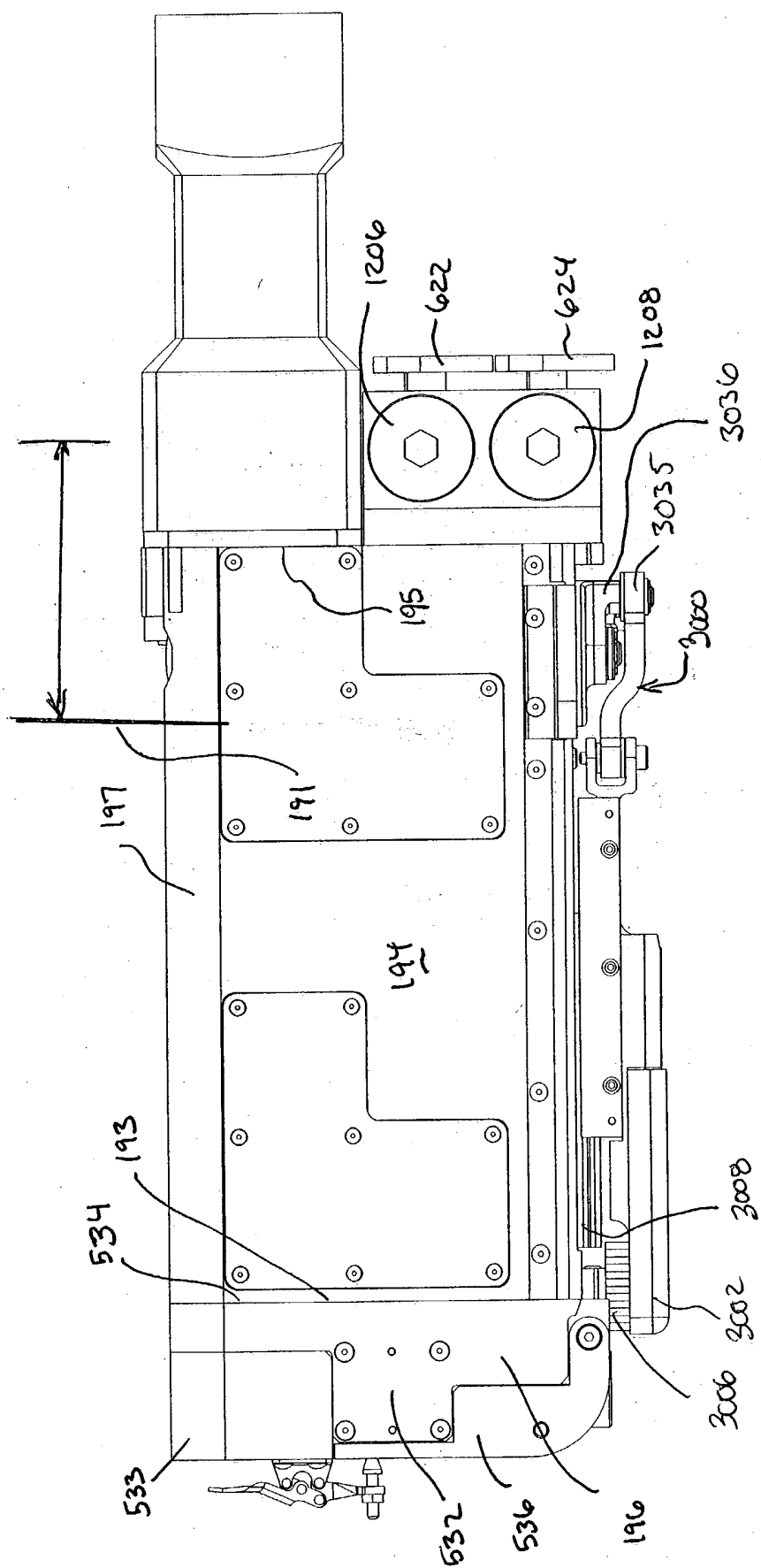


FIG. 54



55.55

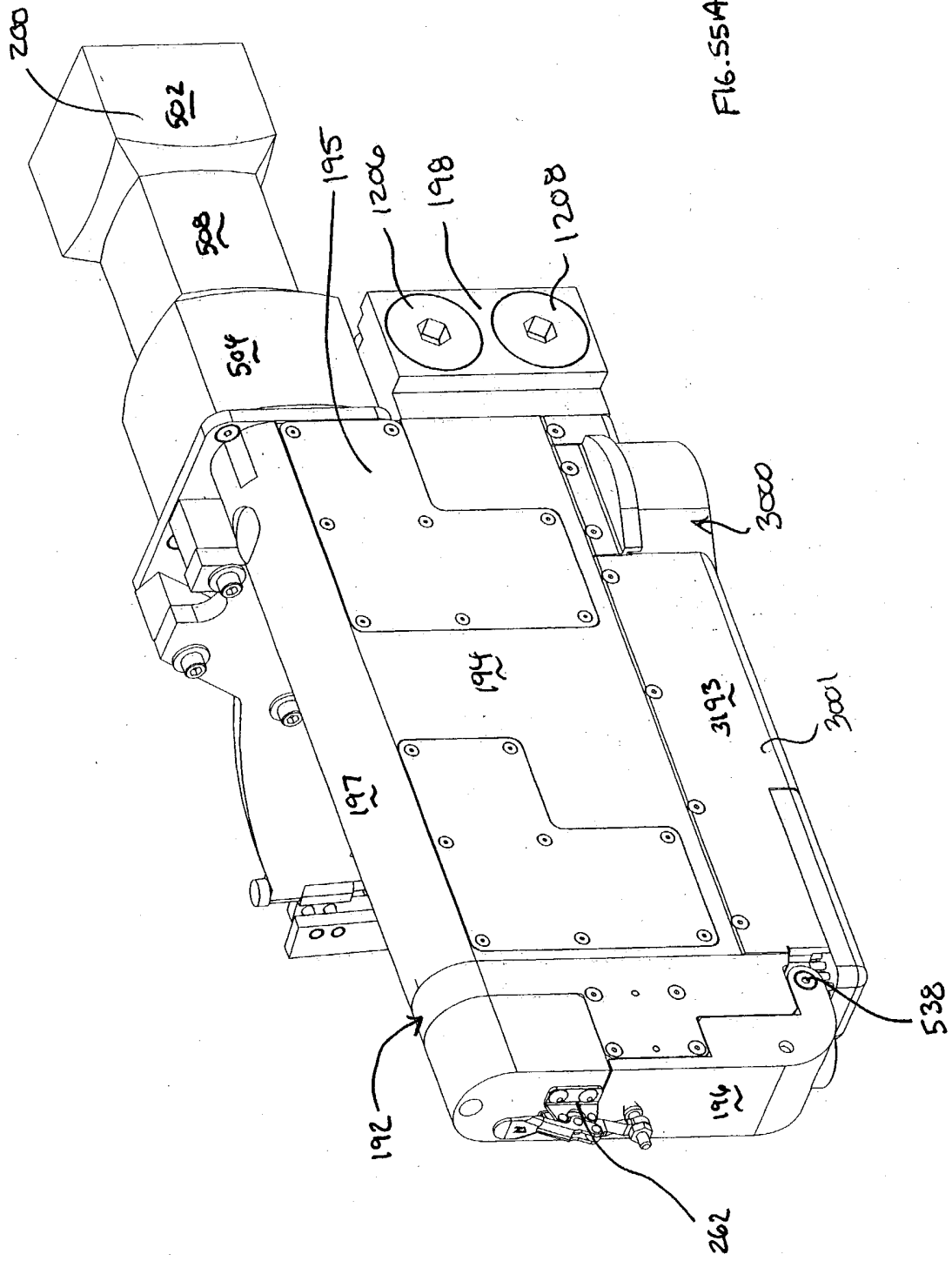
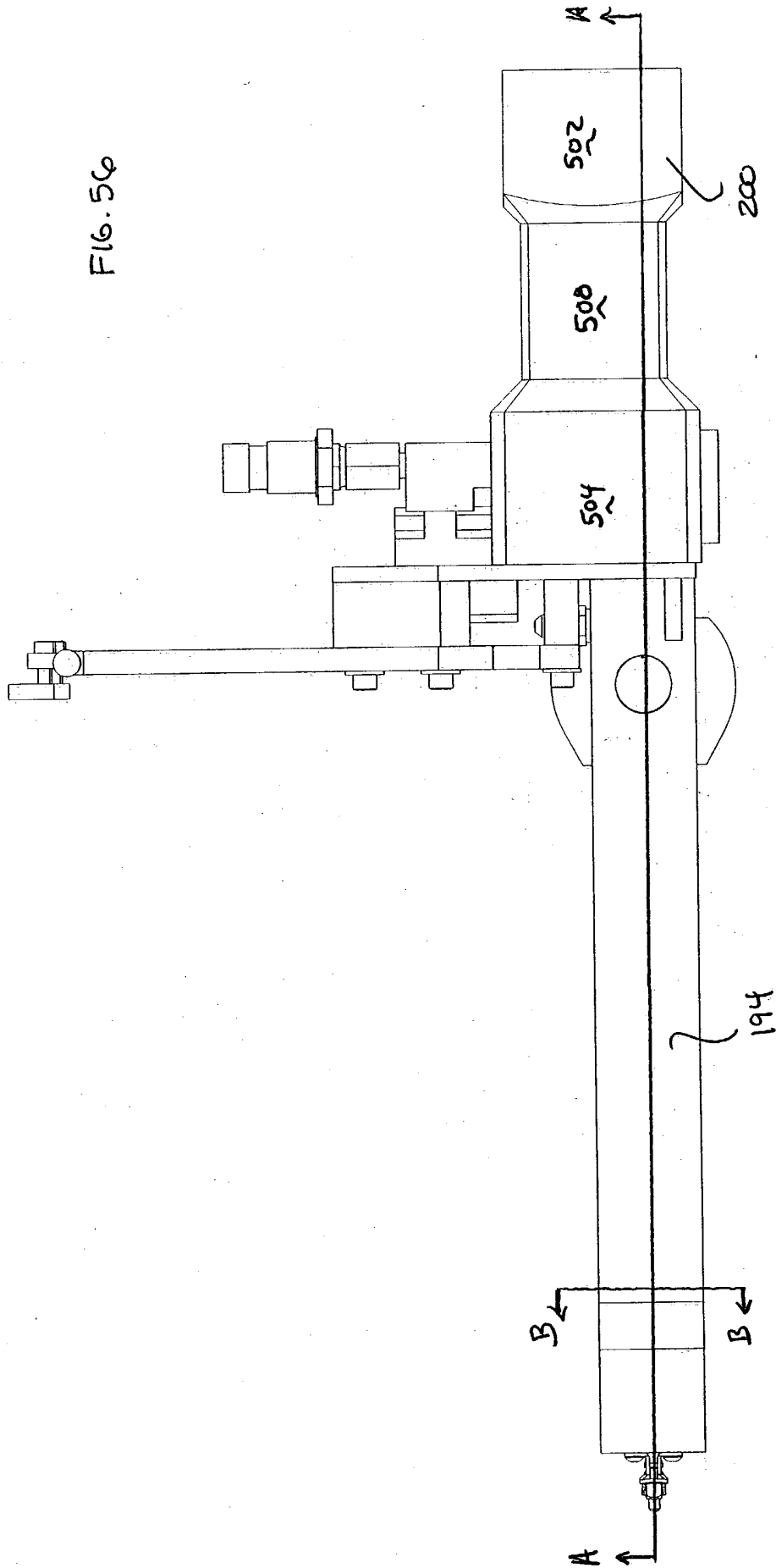


FIG. 55A

FIG. 56



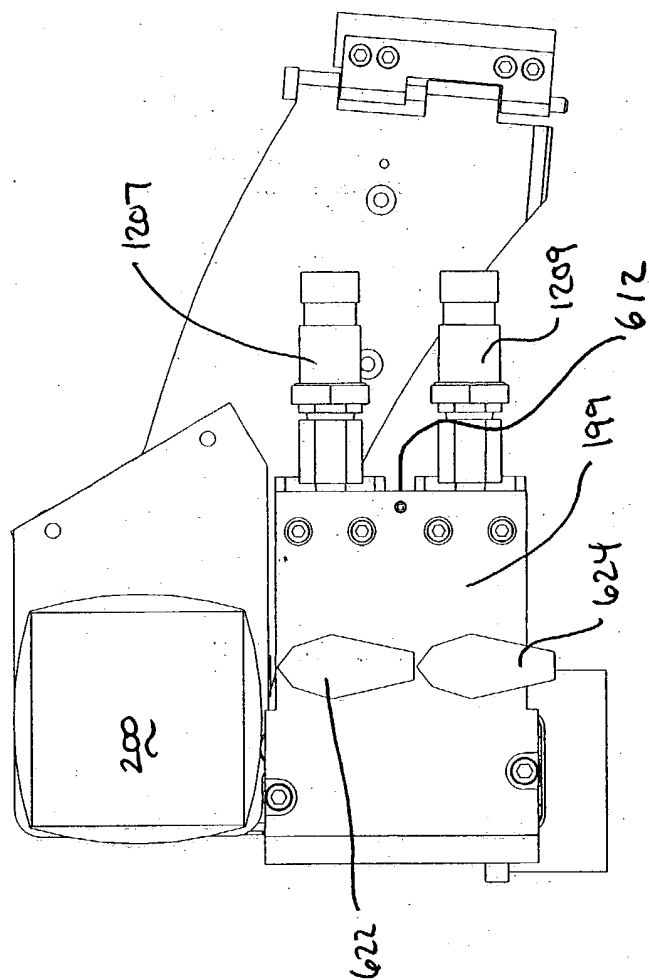


FIG. 57

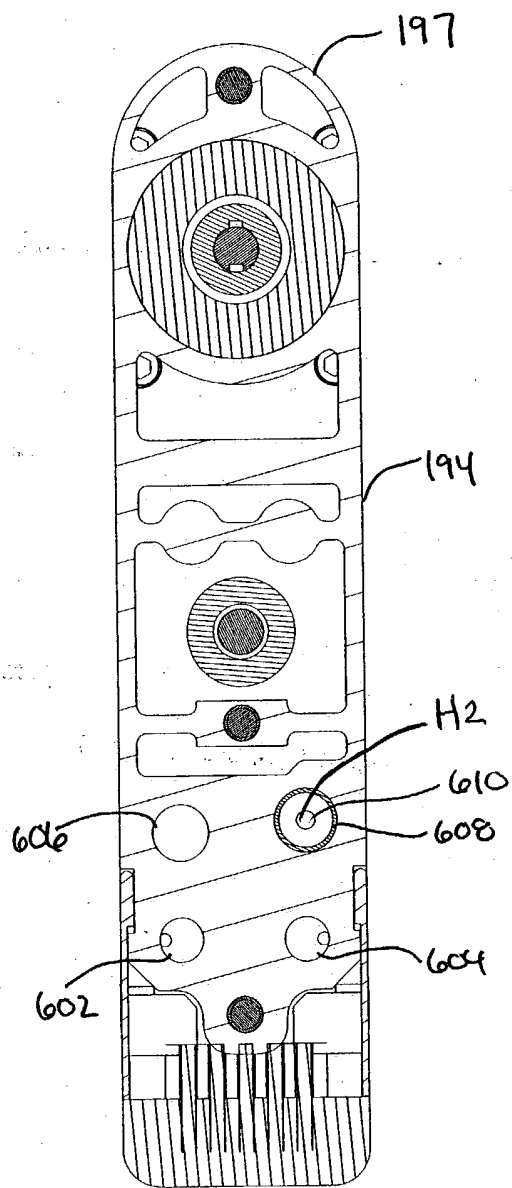


FIG. 58

FIG. 60

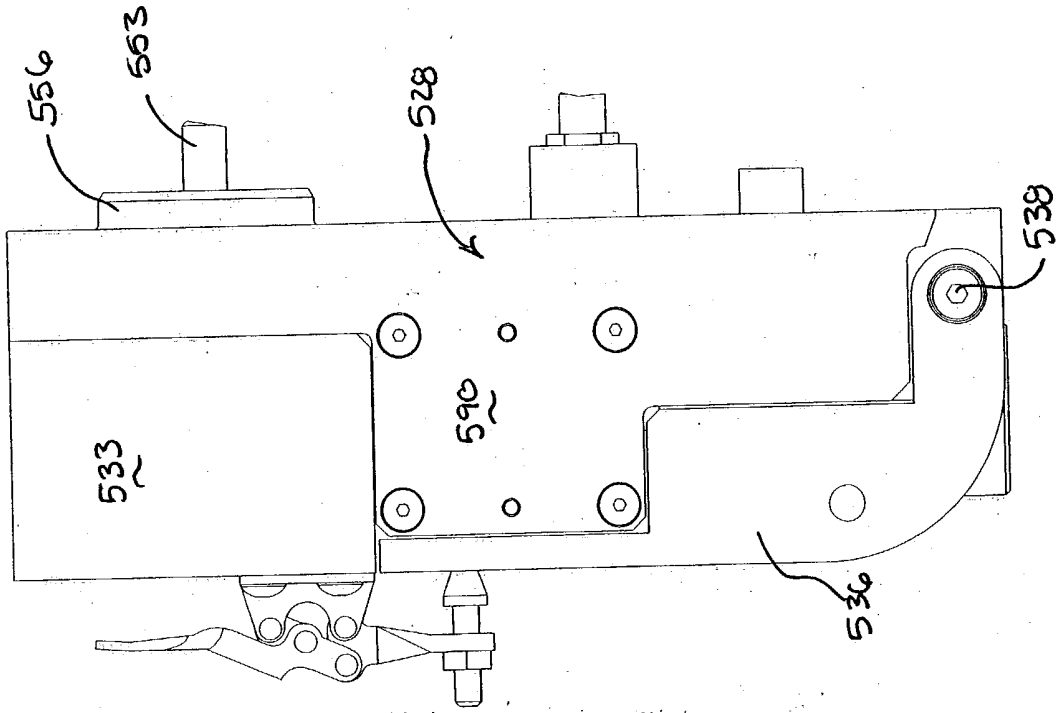


FIG. 61

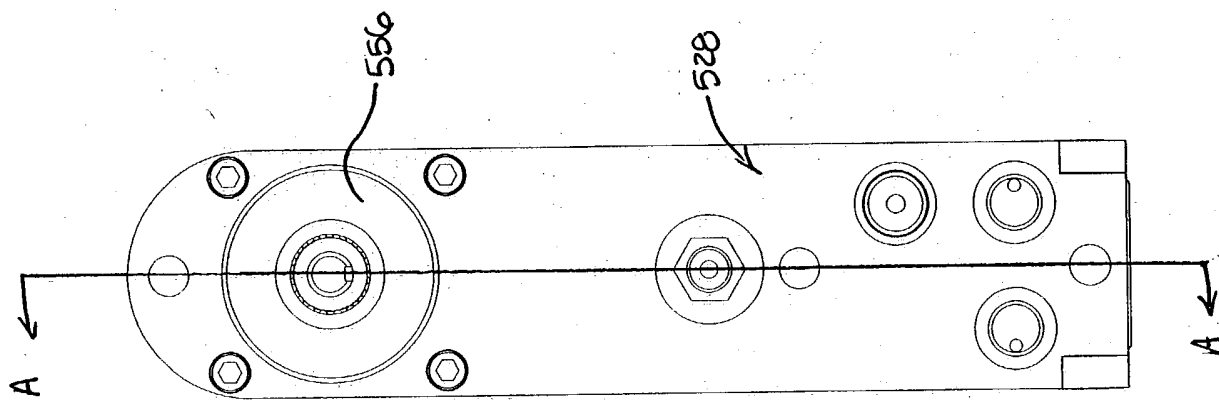


FIG. 62

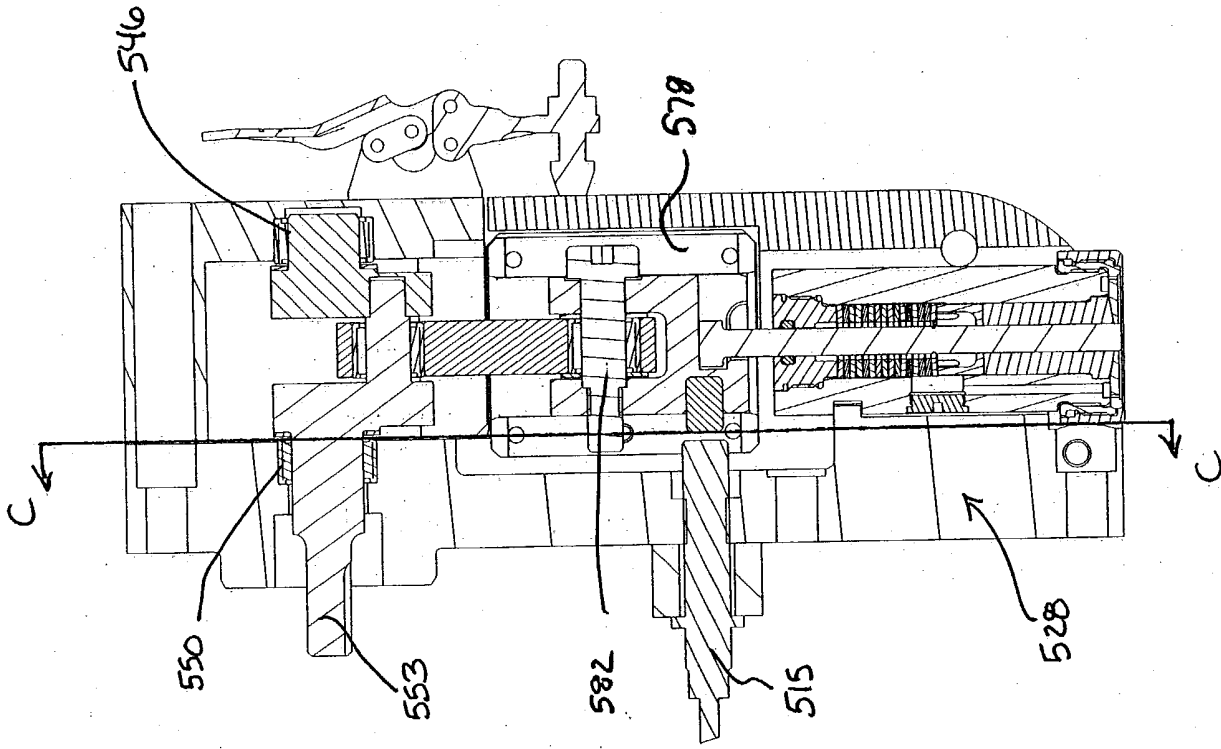
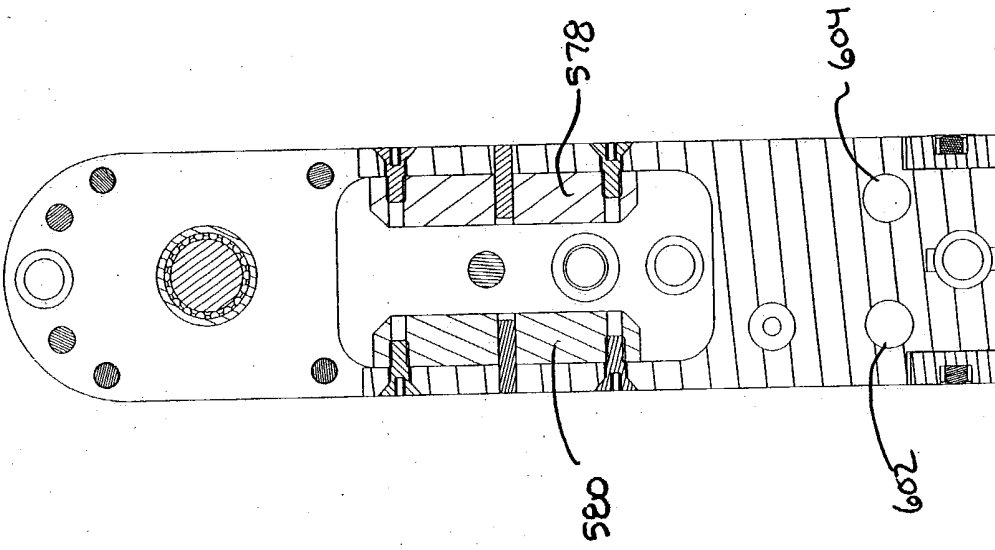


FIG. 63



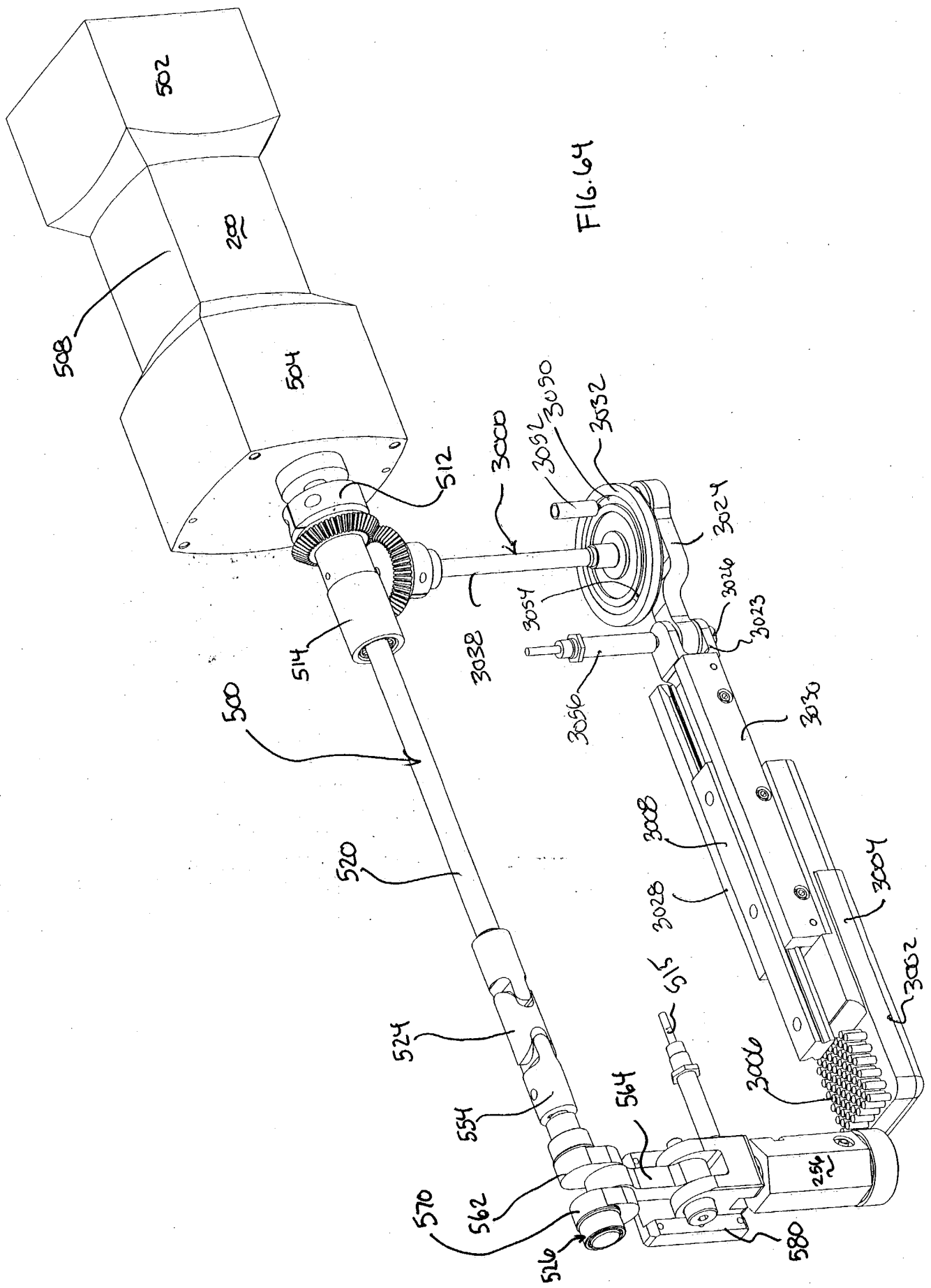
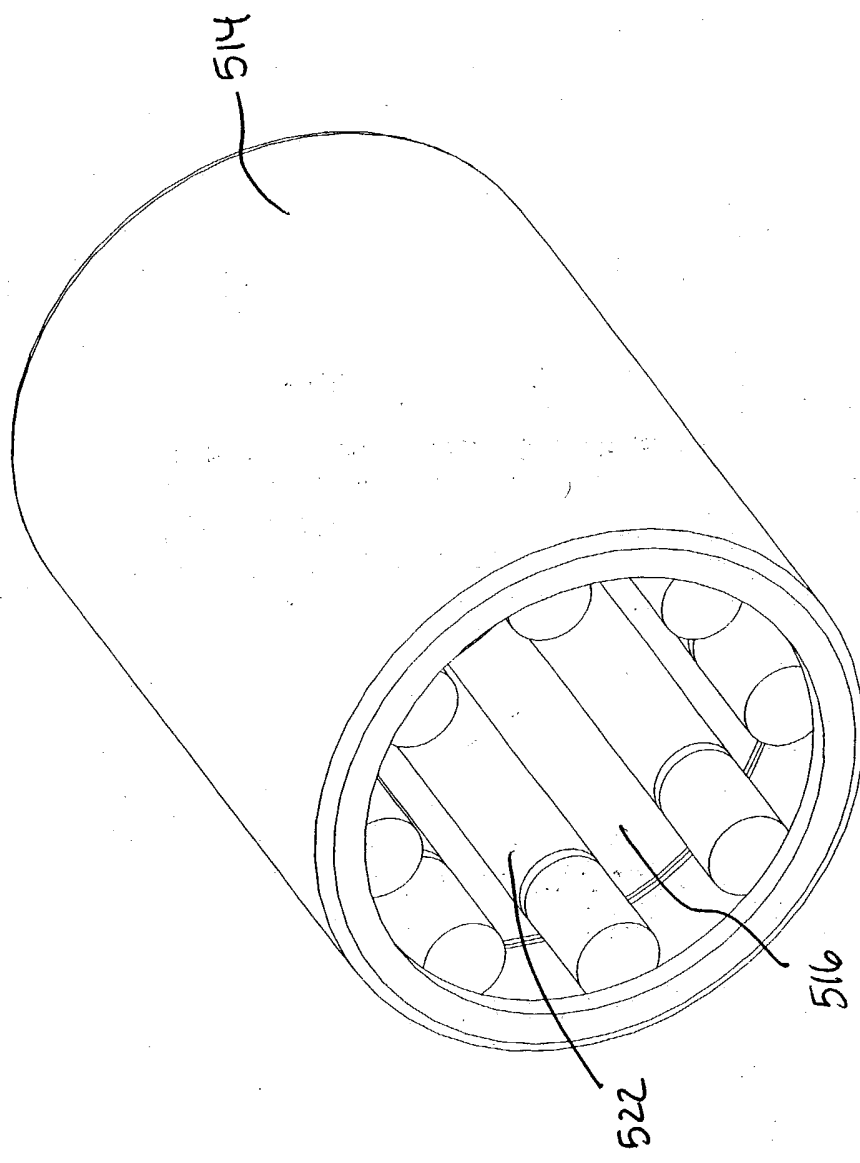


FIG. 65



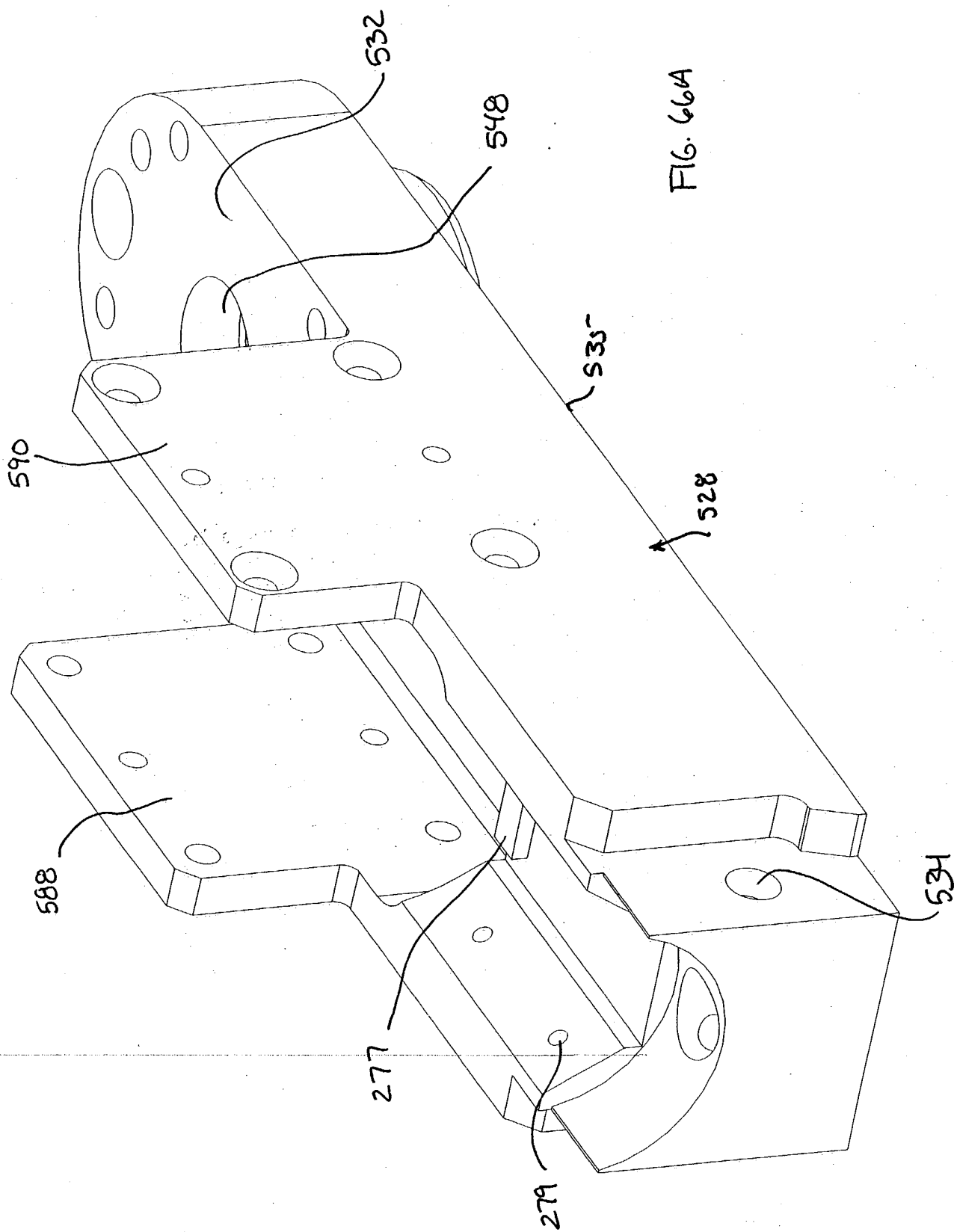
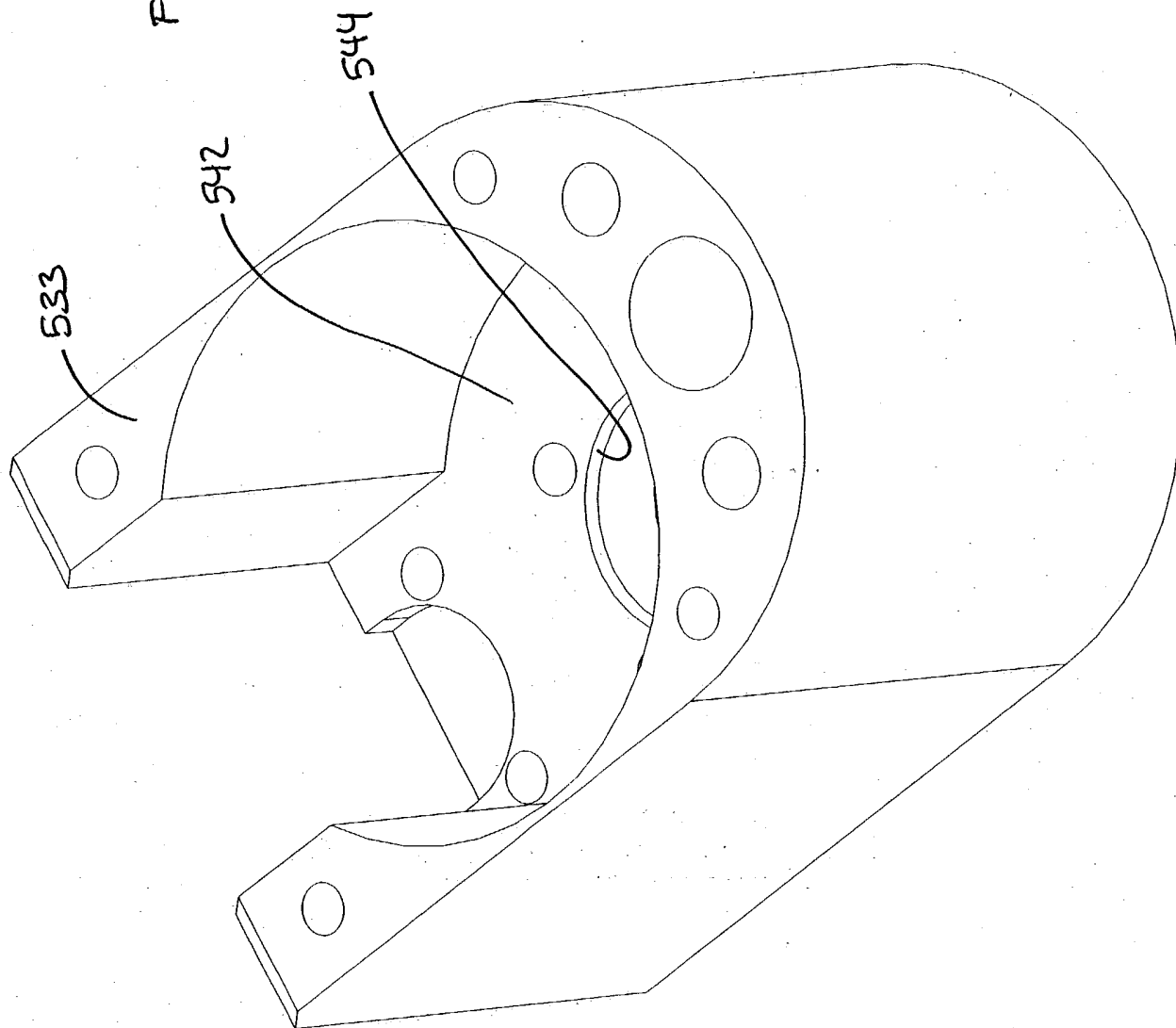


FIG. 66A

FIG. 66B



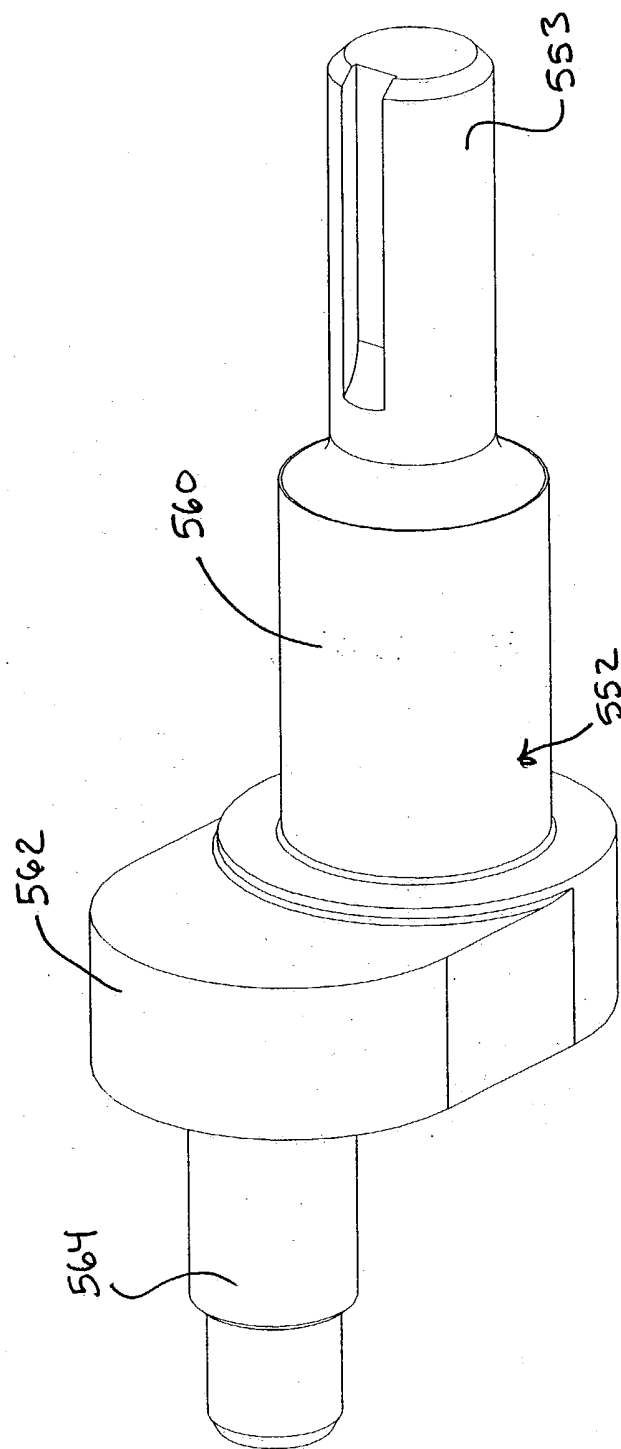


FIG. 67

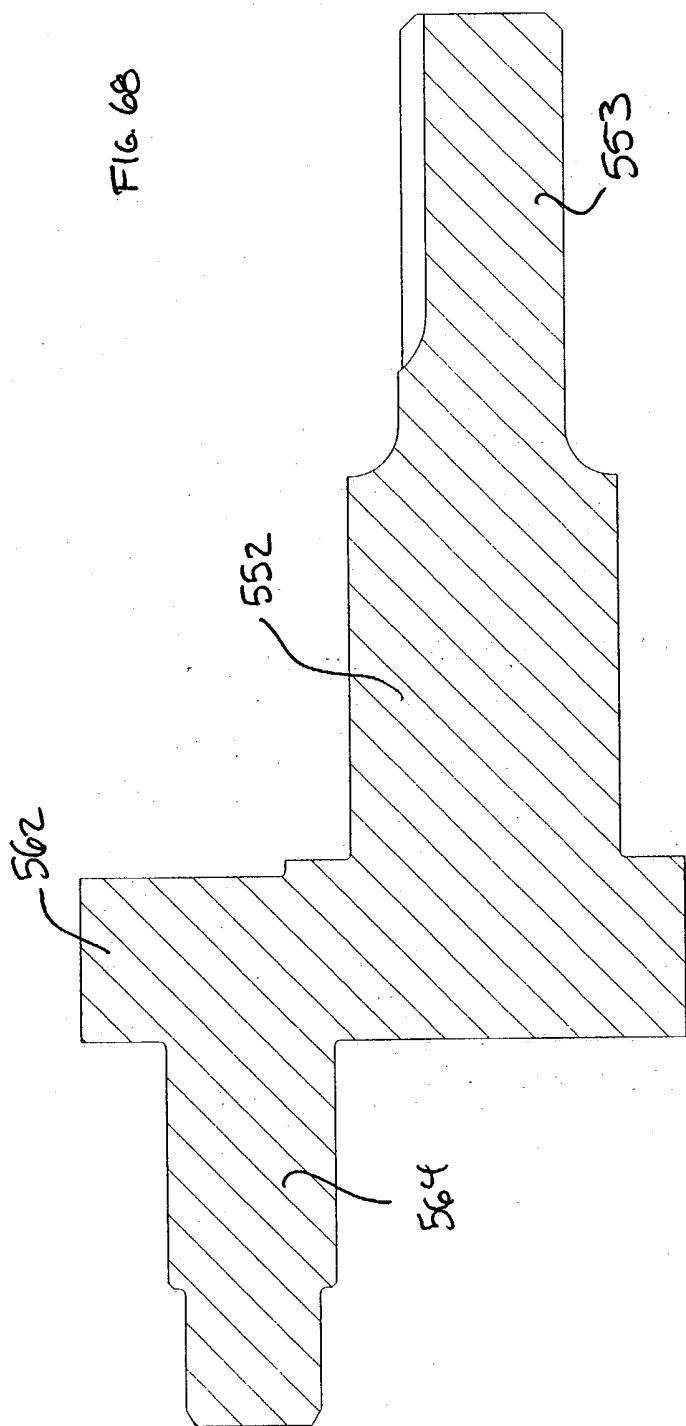


FIG. 6B

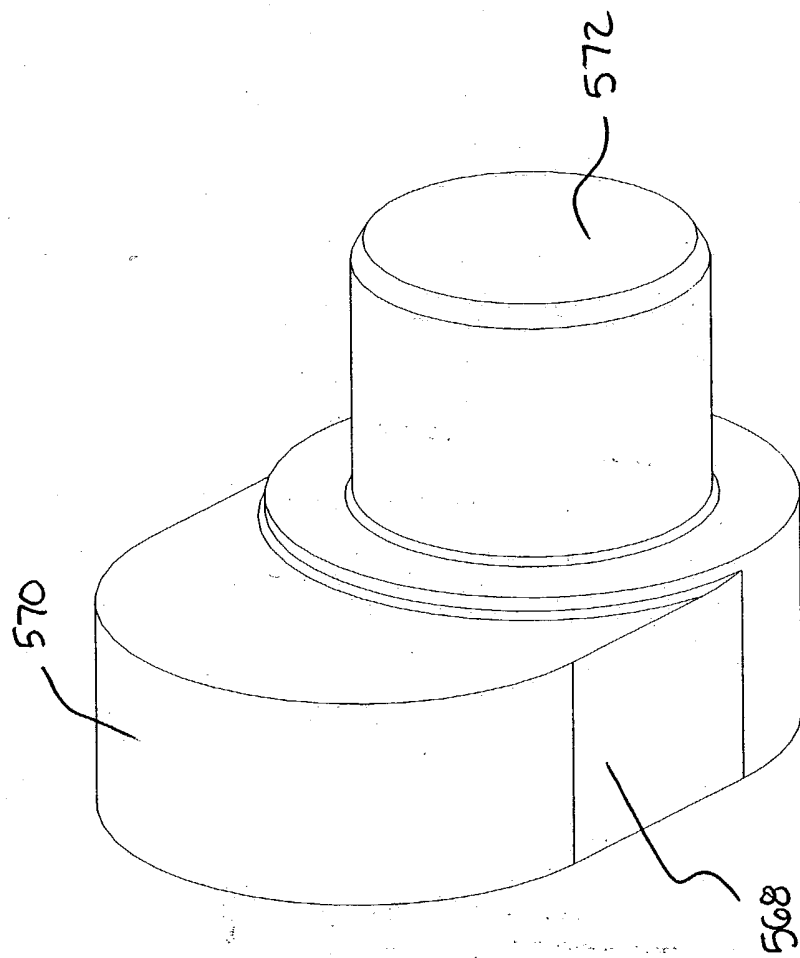


FIG. 69

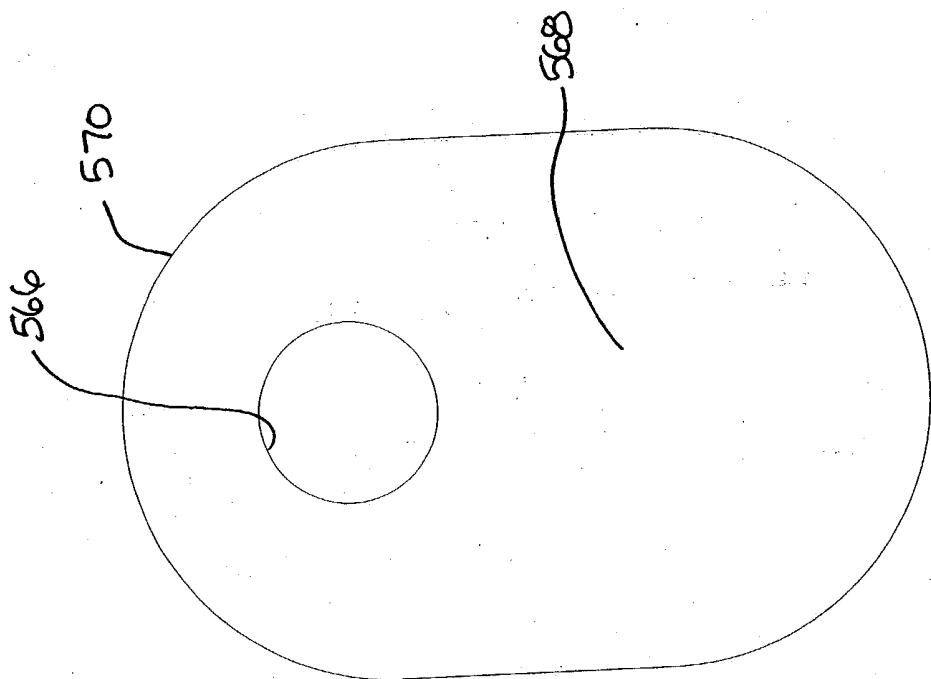


FIG. 70

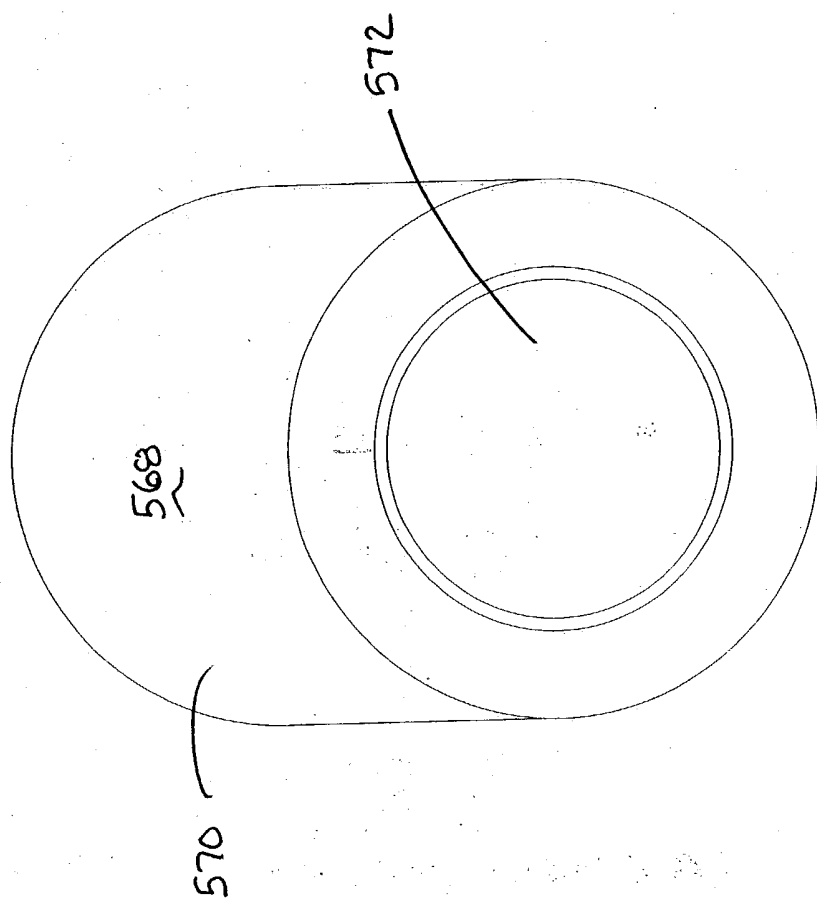


FIG. 71

FIG. 72

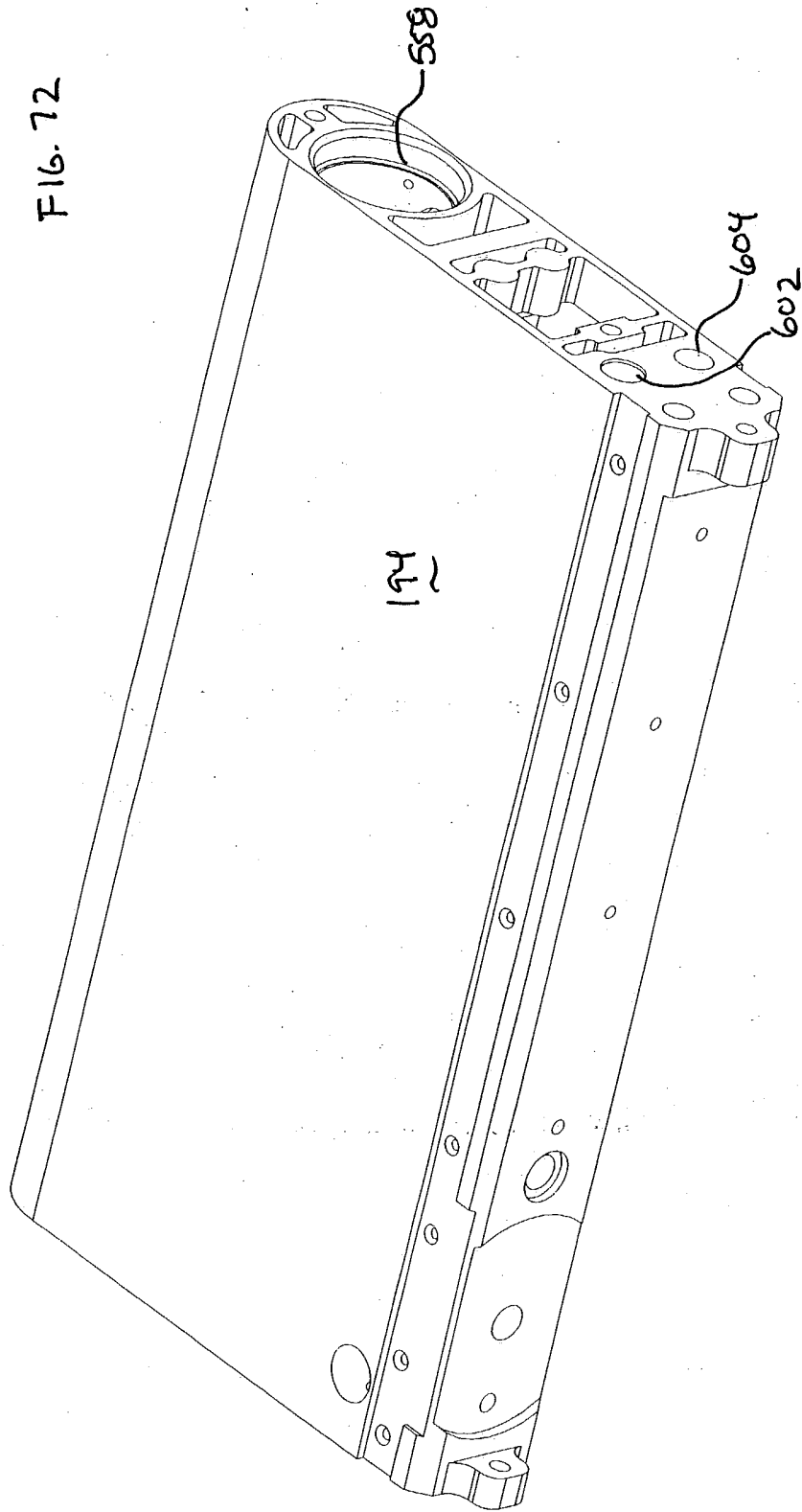
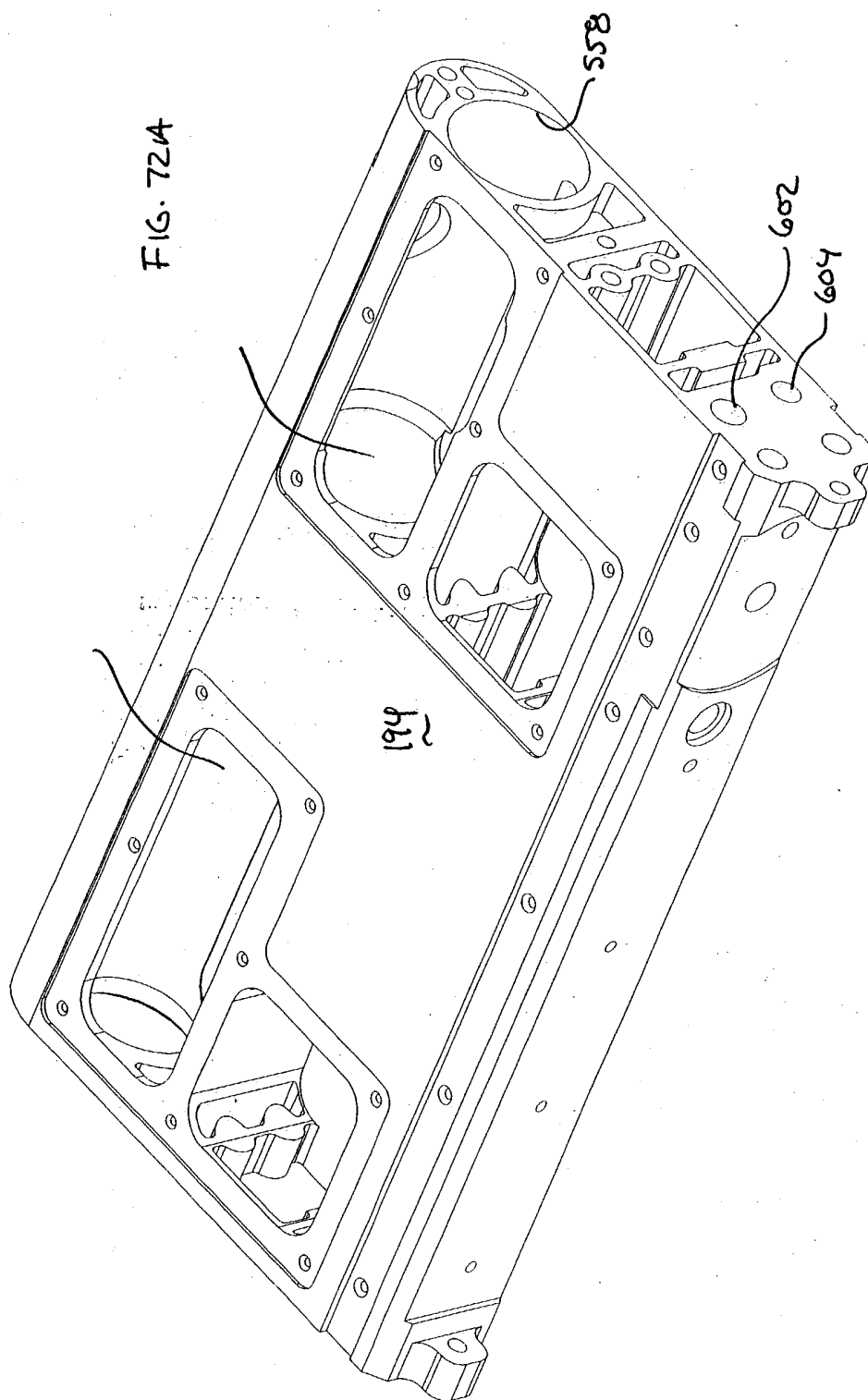


FIG. 72A



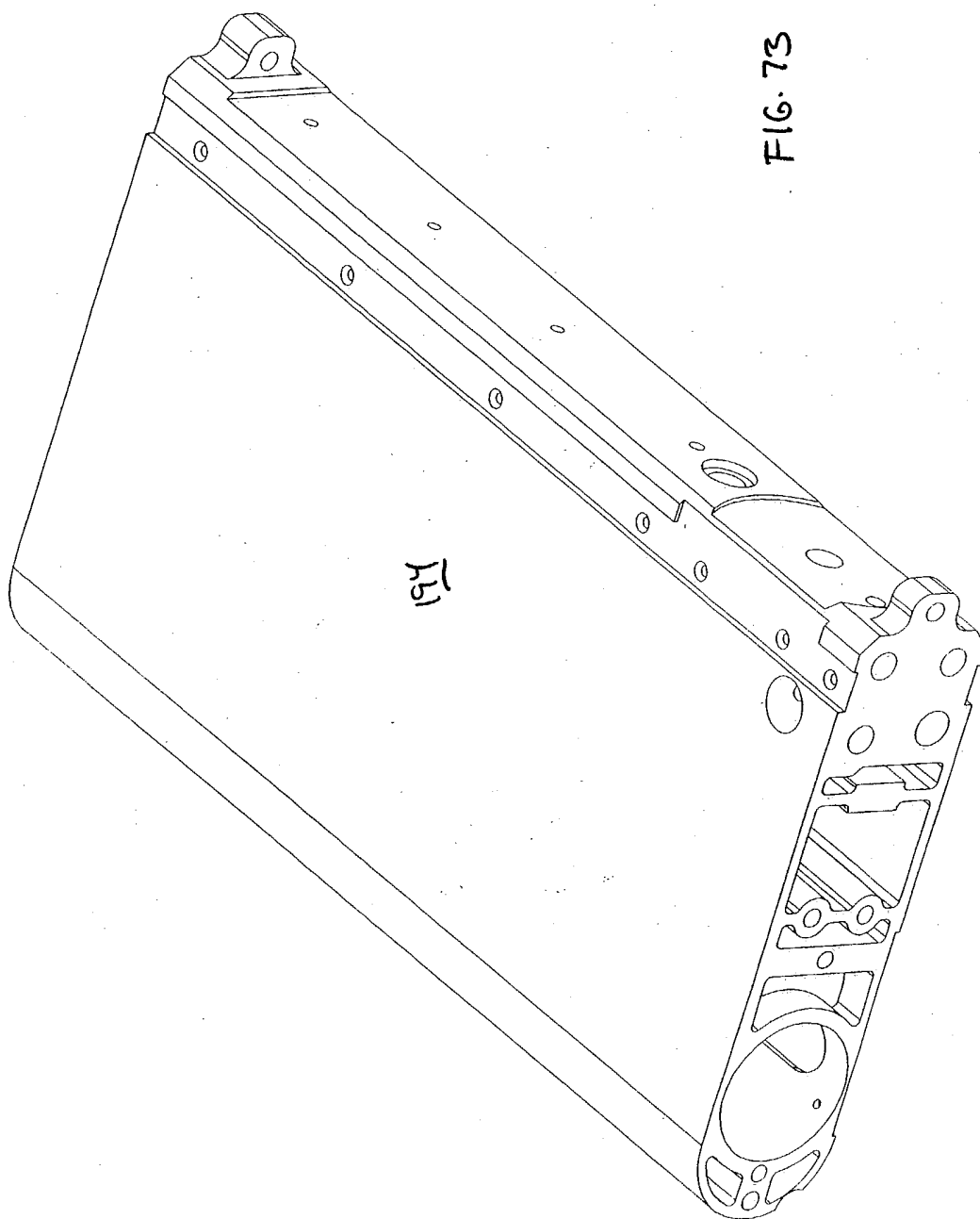


FIG. 73

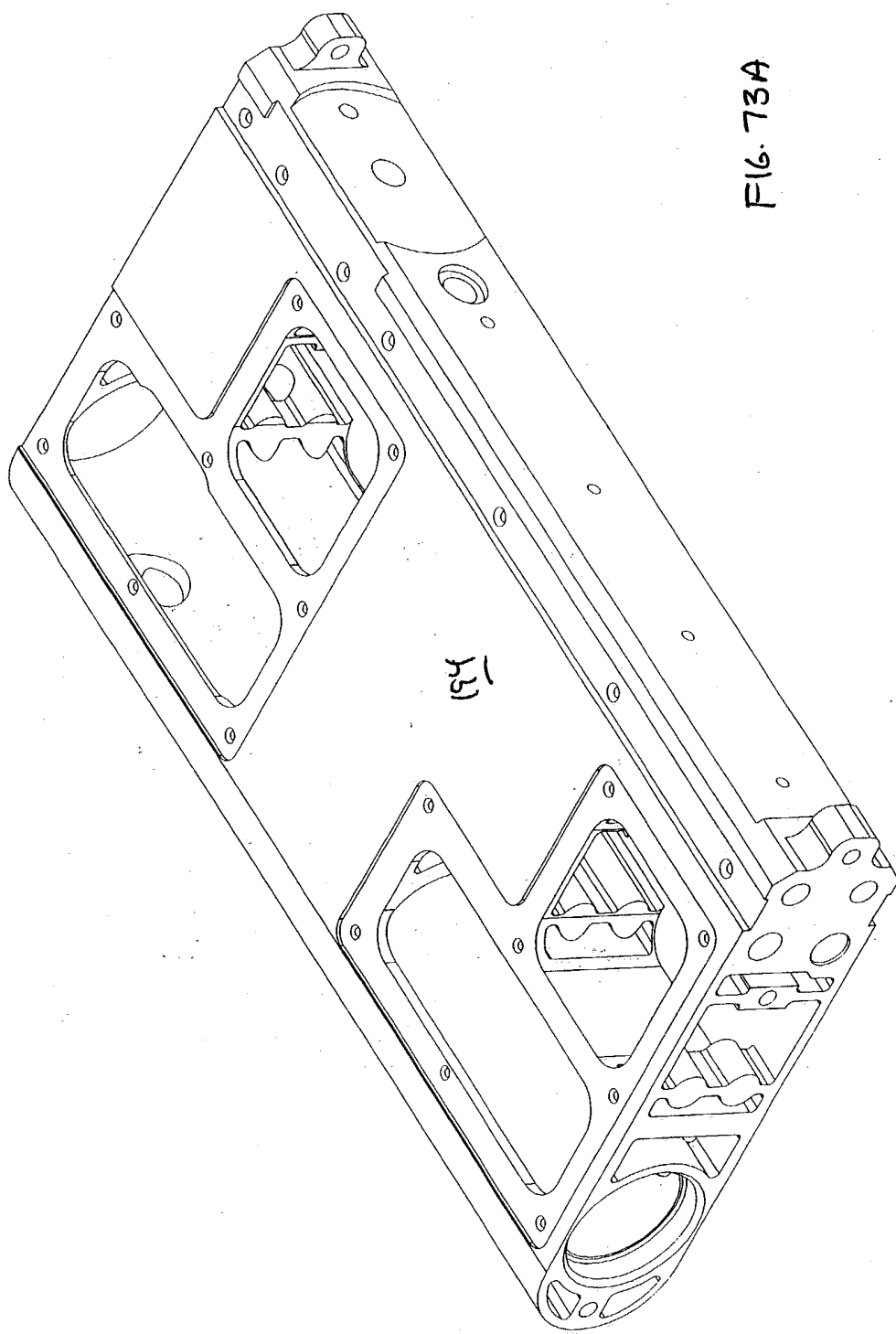


FIG. 73A

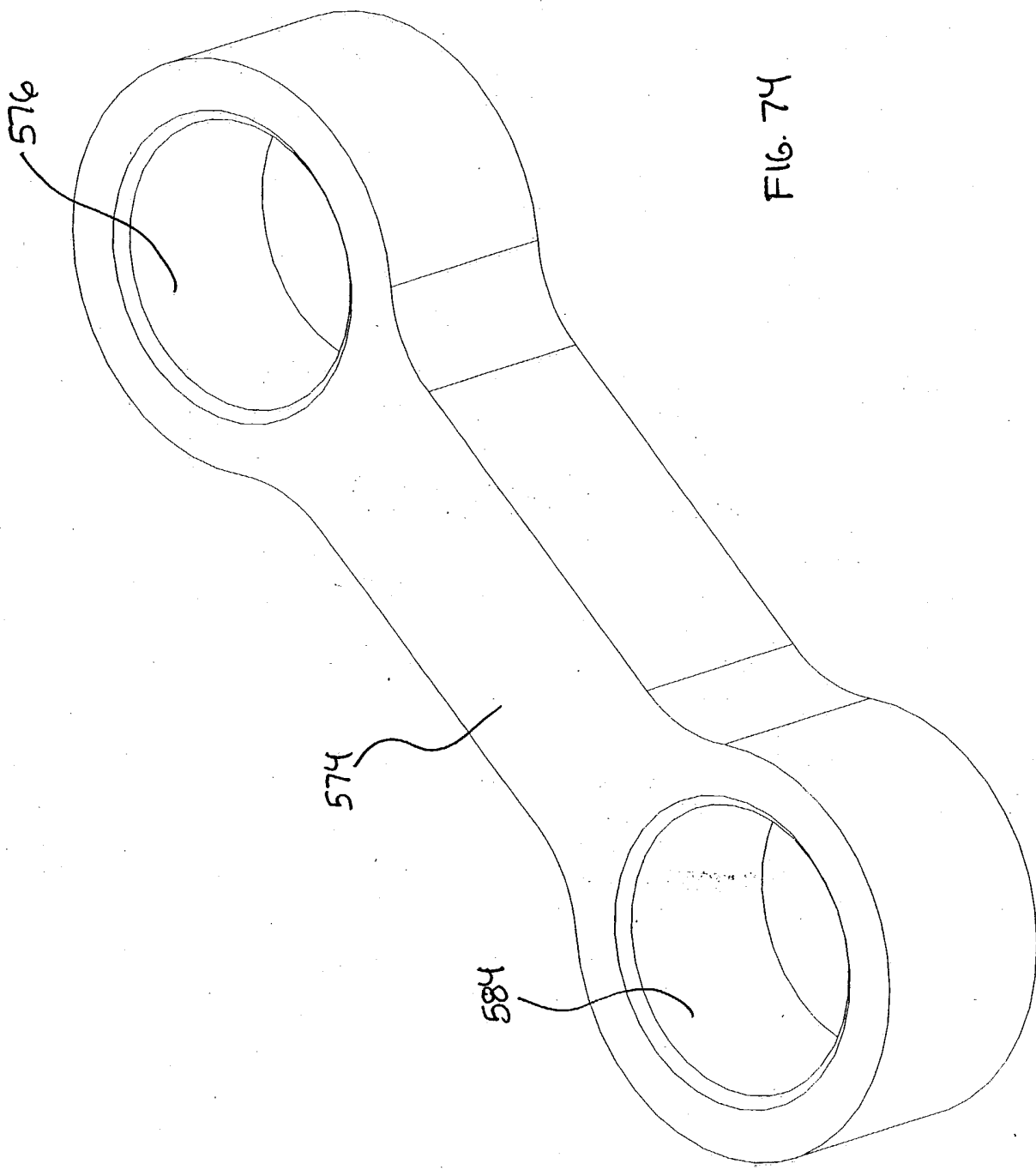
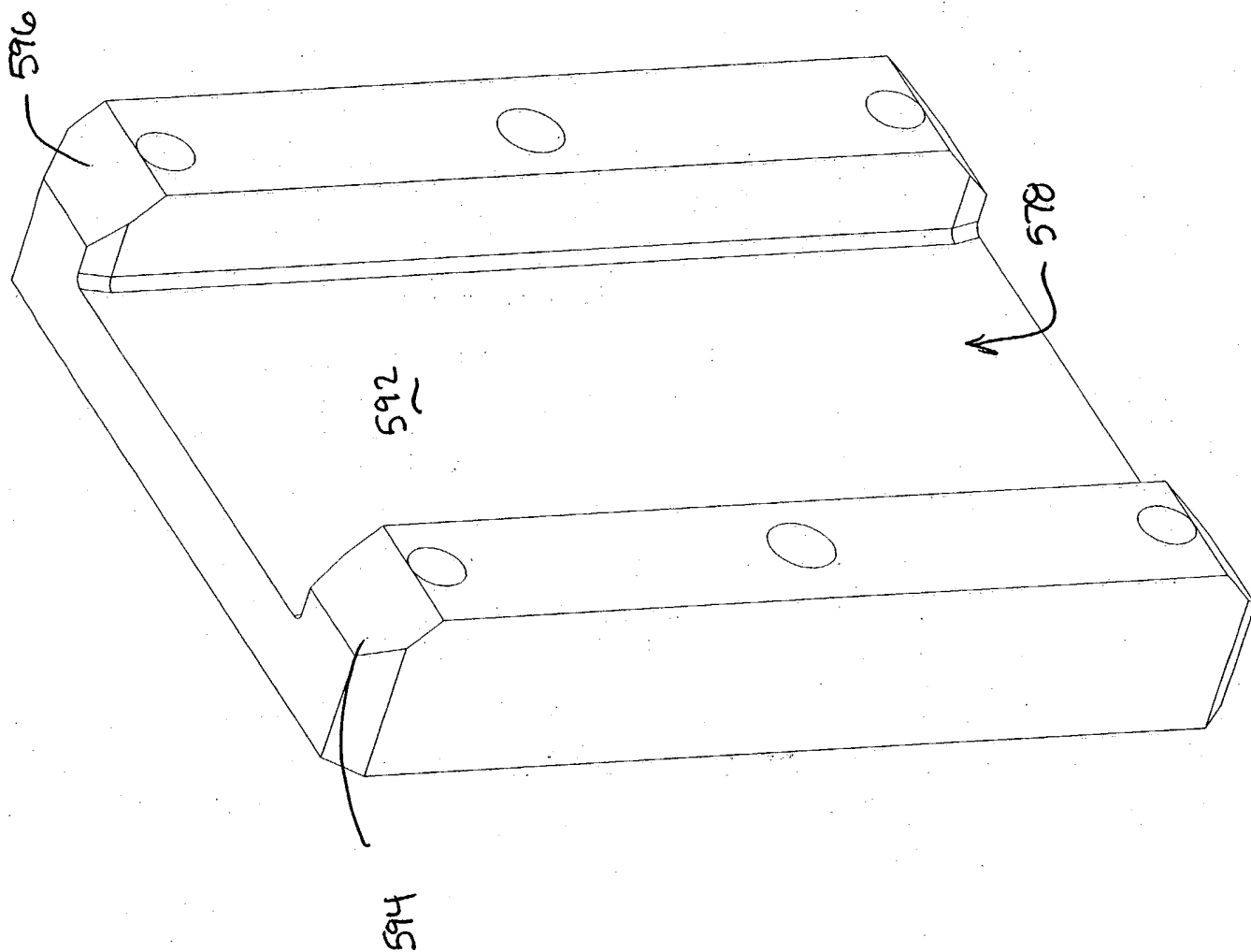


FIG. 74

FIG 75



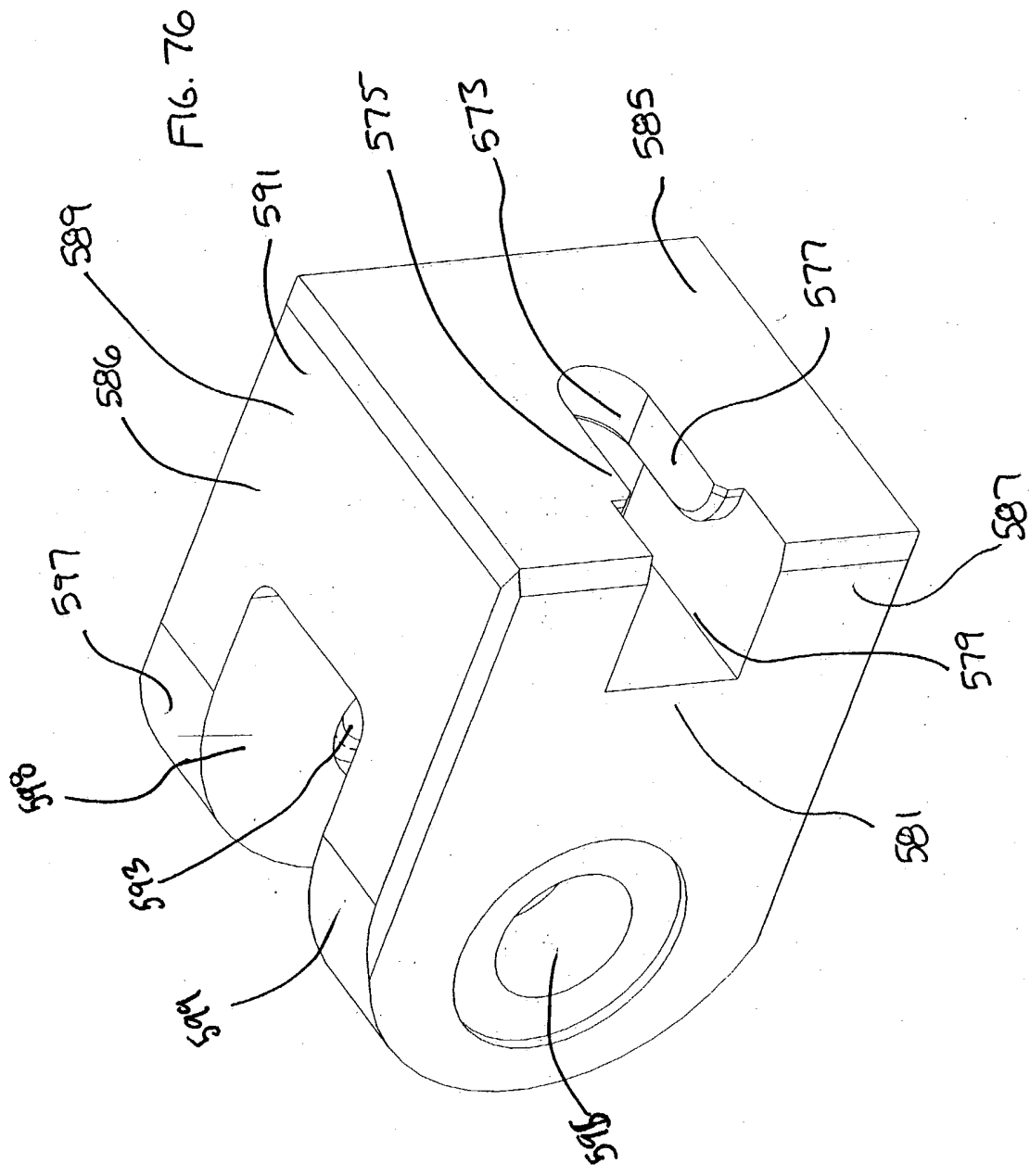
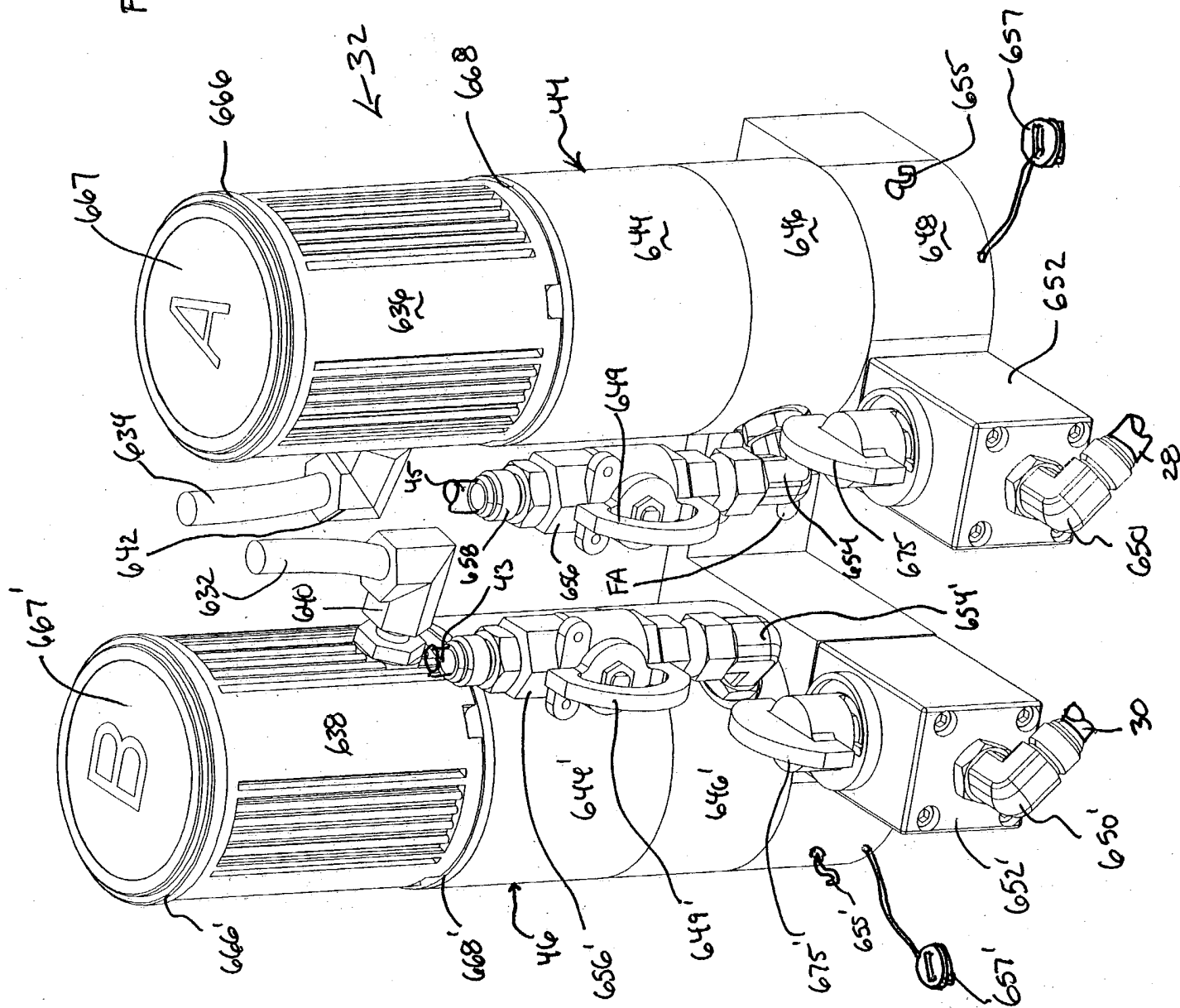
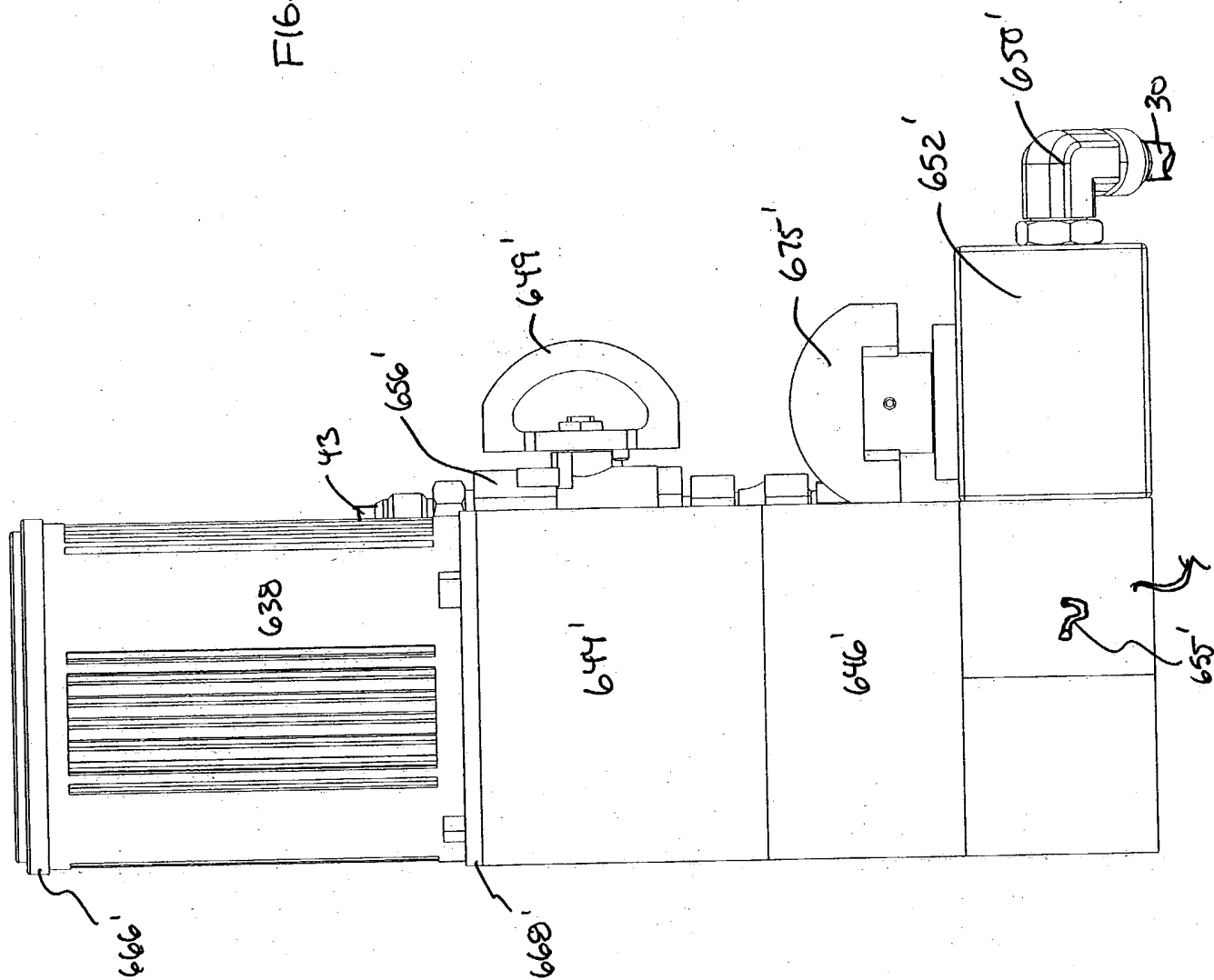


FIG. 77



F16.77A



F16.78

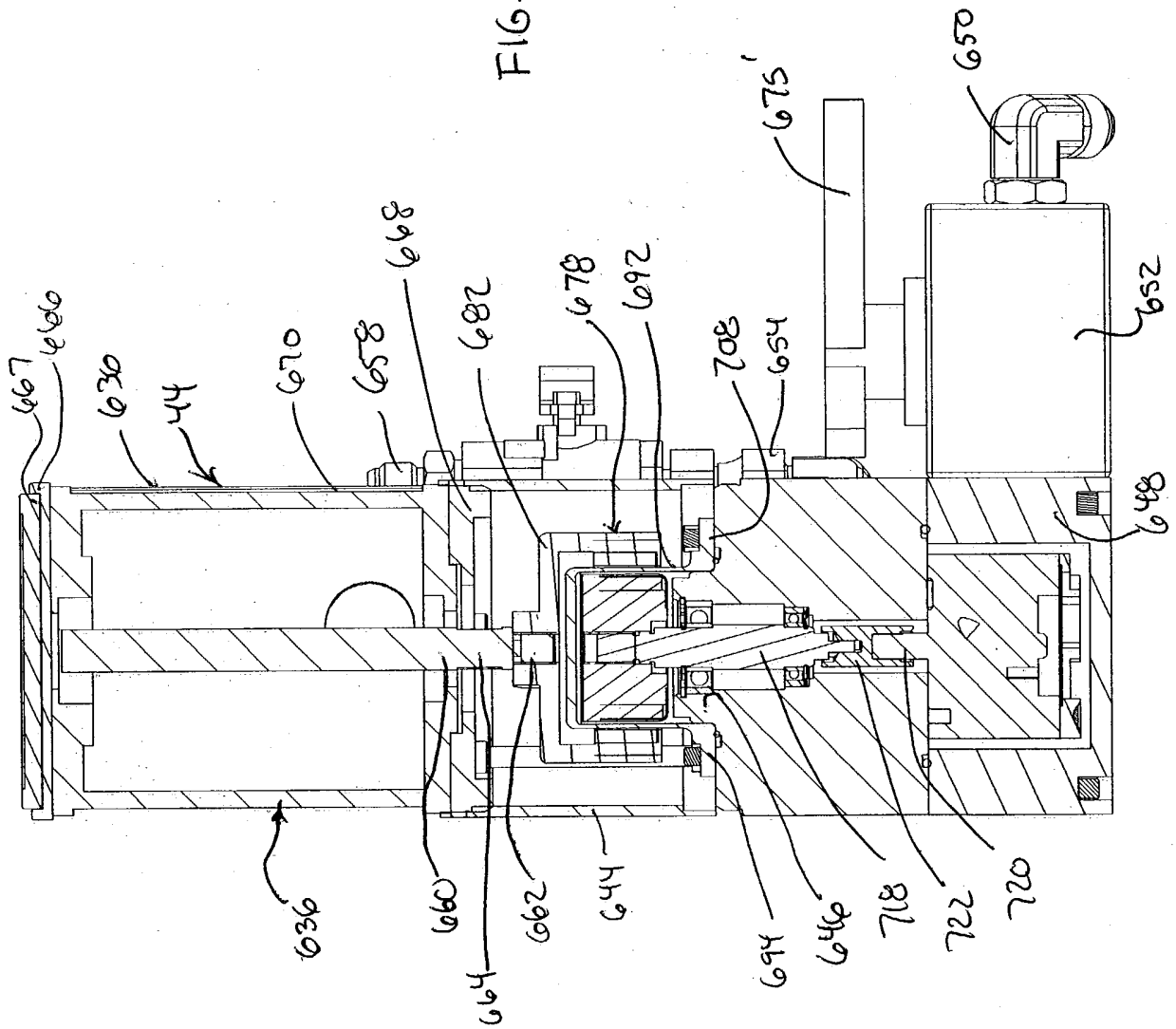


FIG. 79

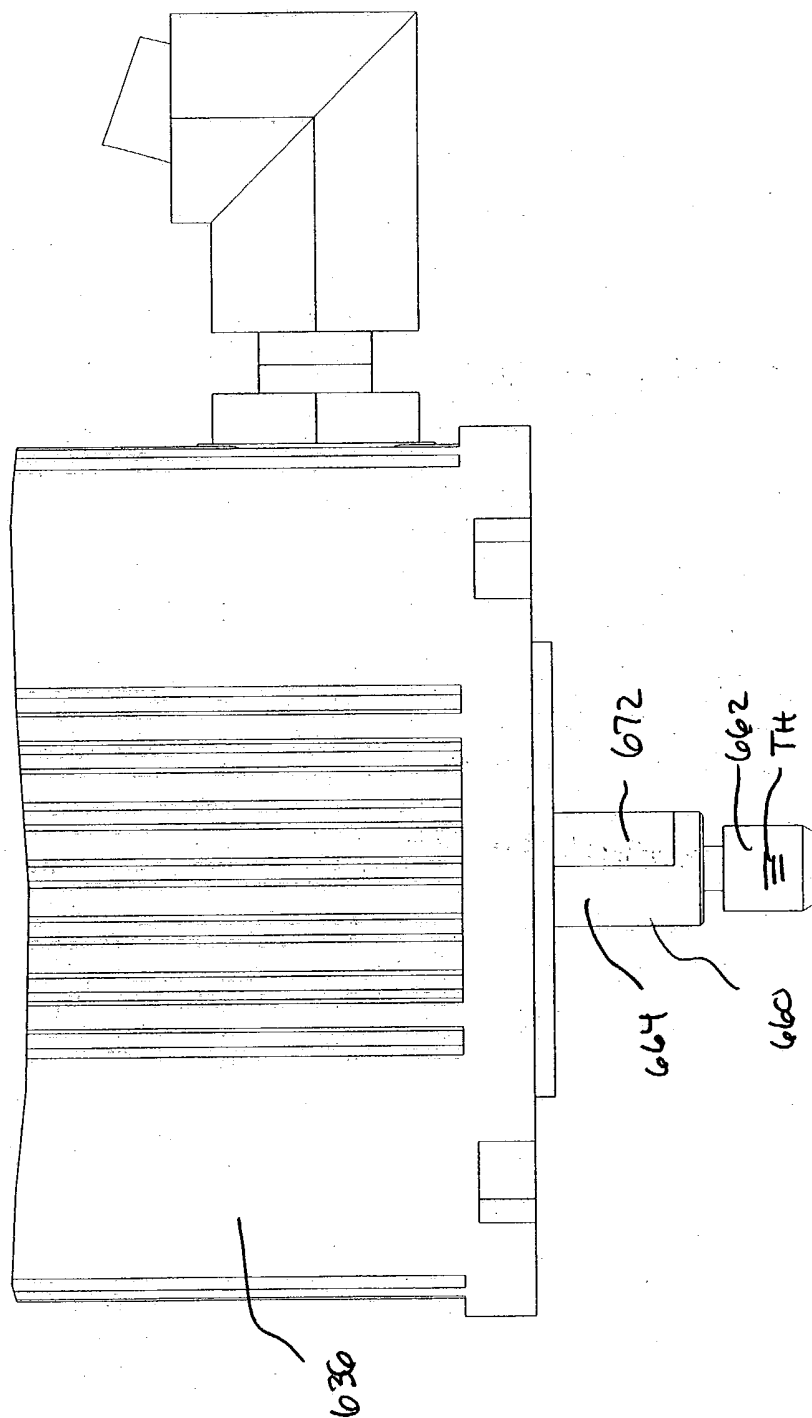
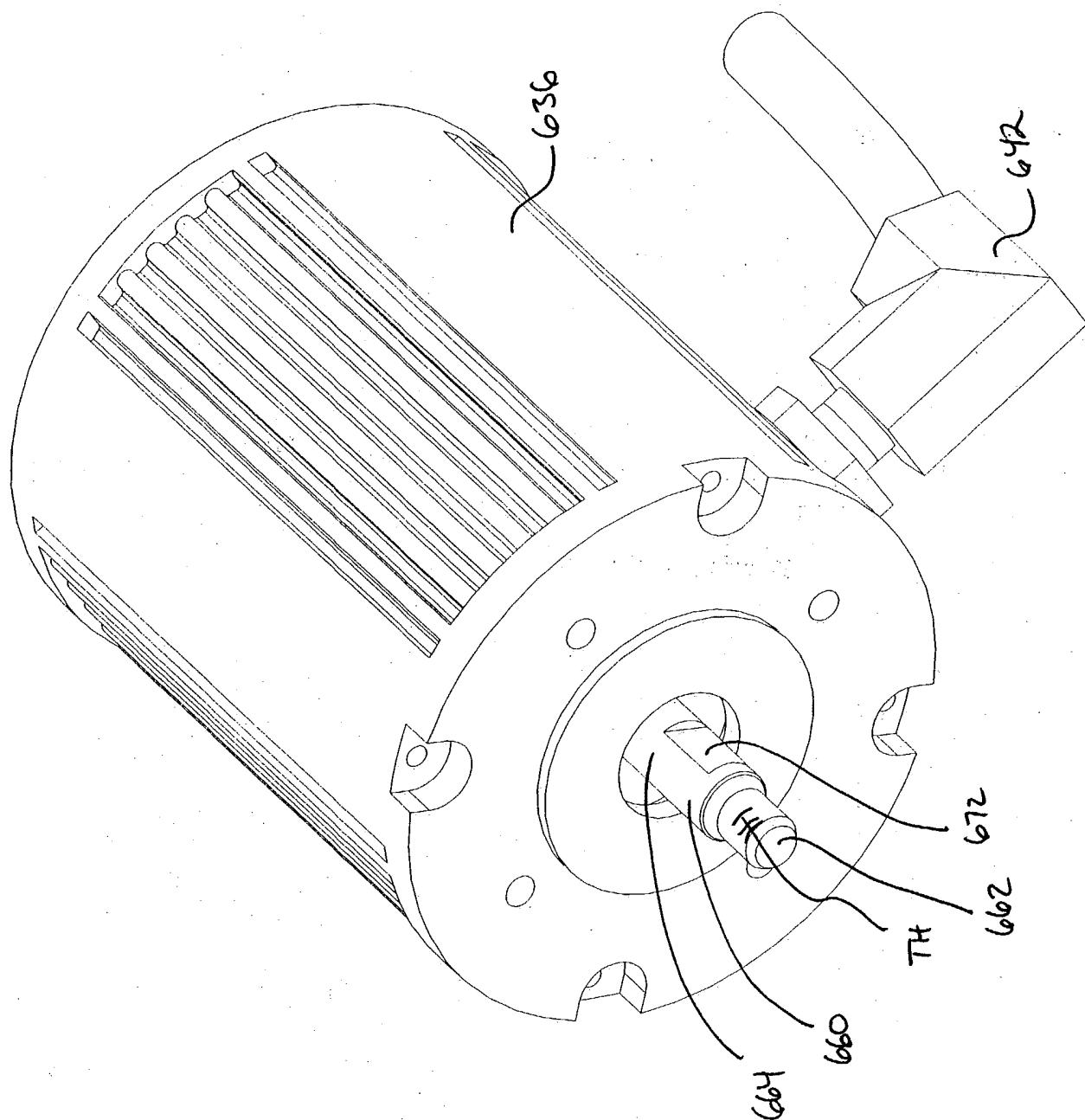


FIG. 80



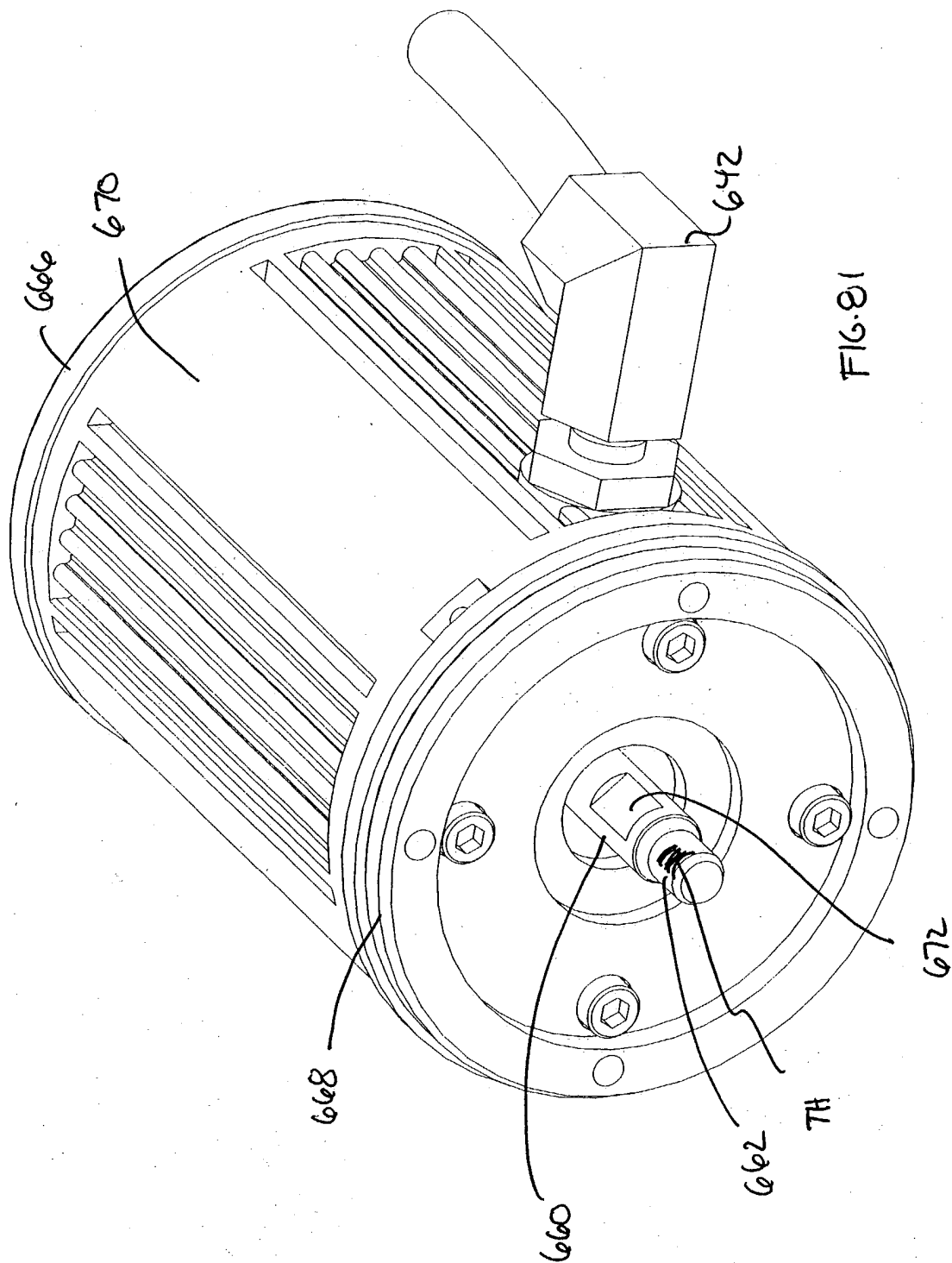


FIG. 81

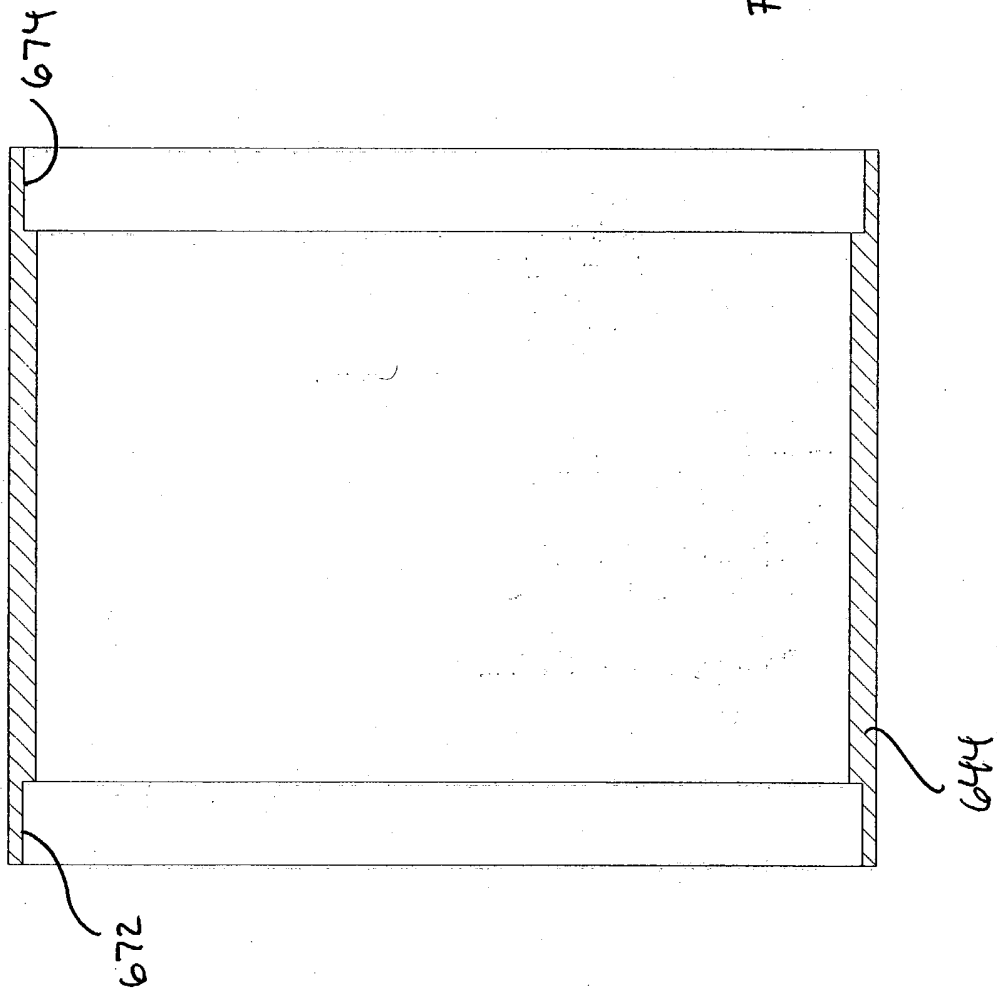


FIG. 82

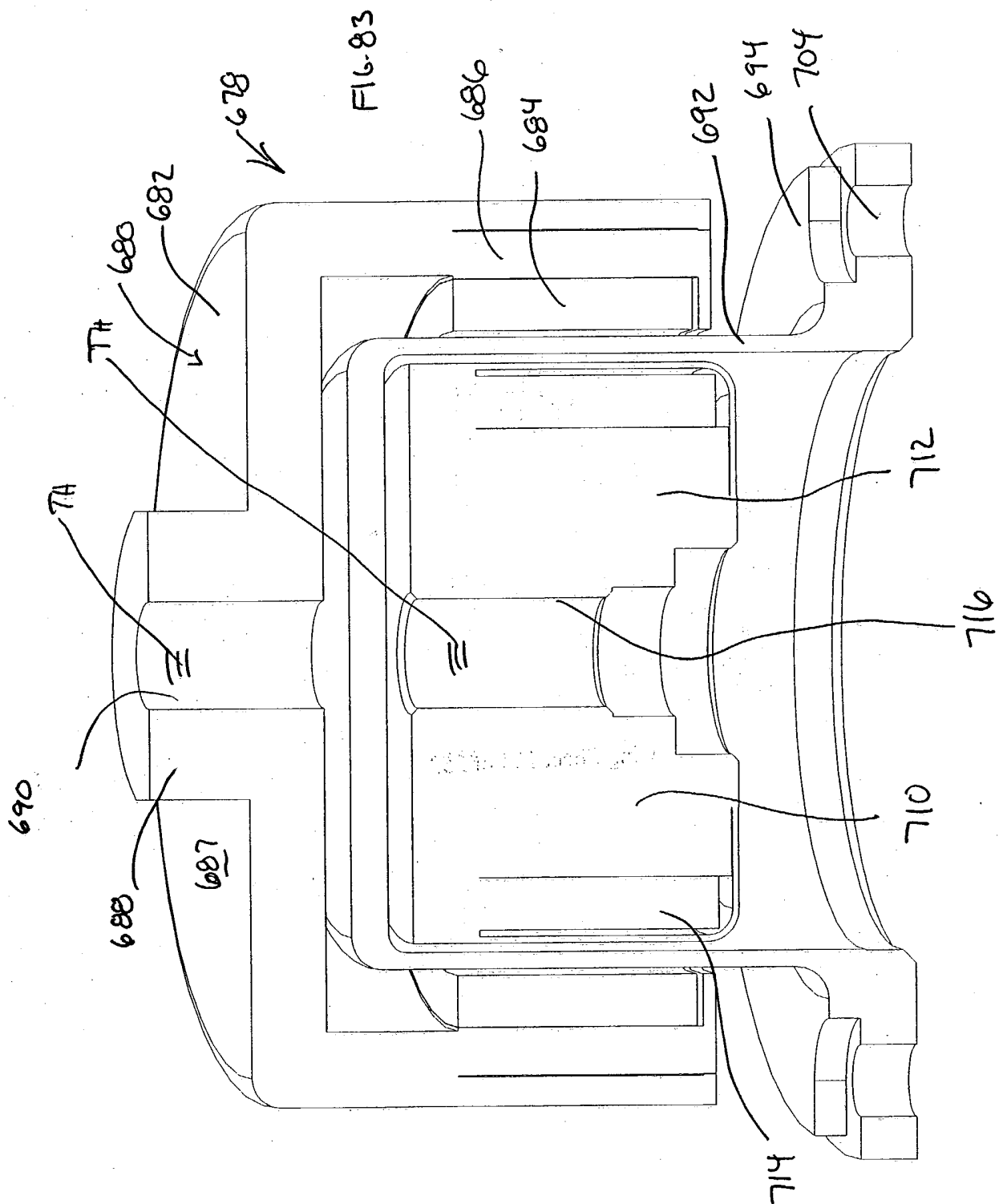
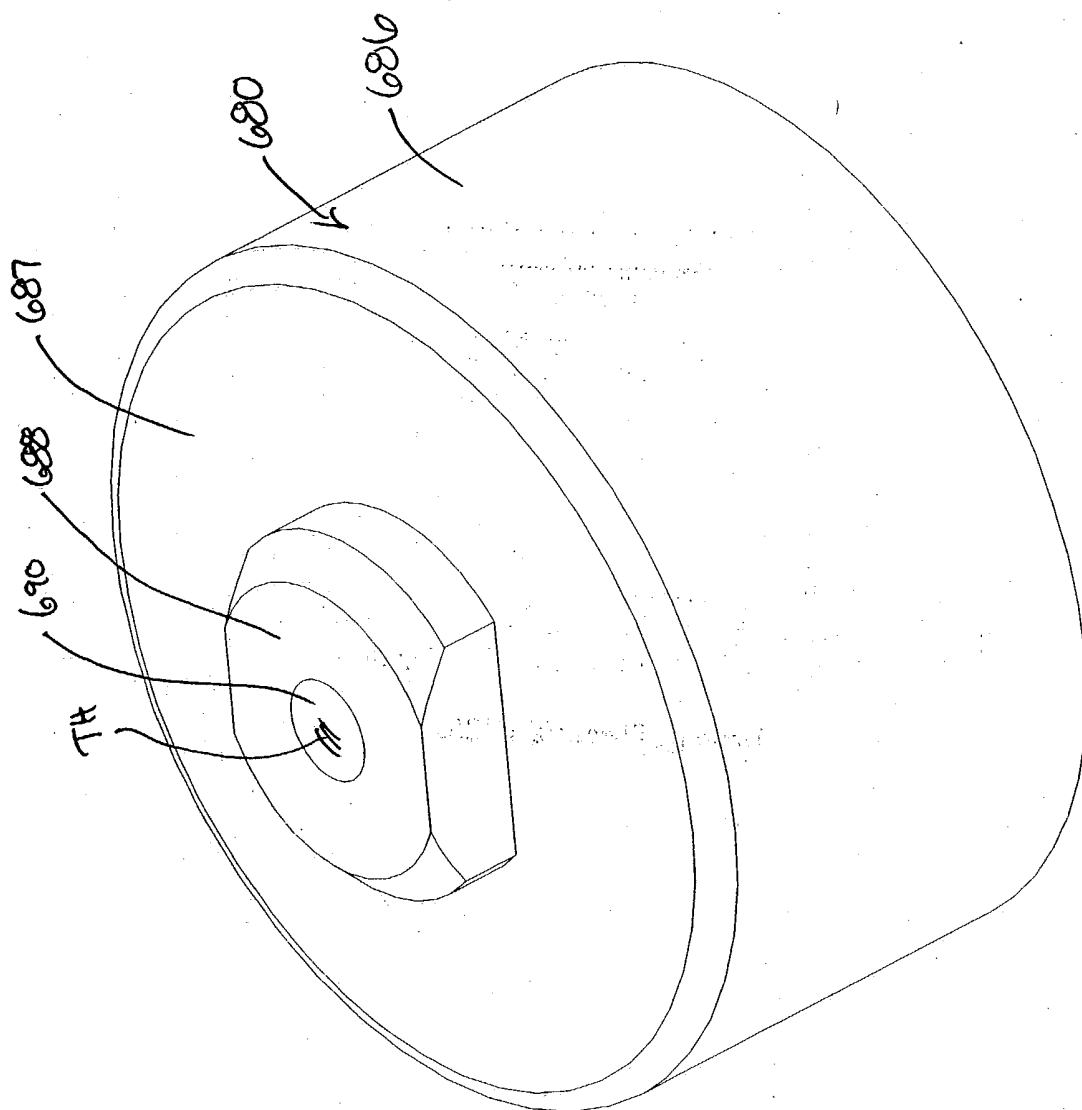


FIG. 84



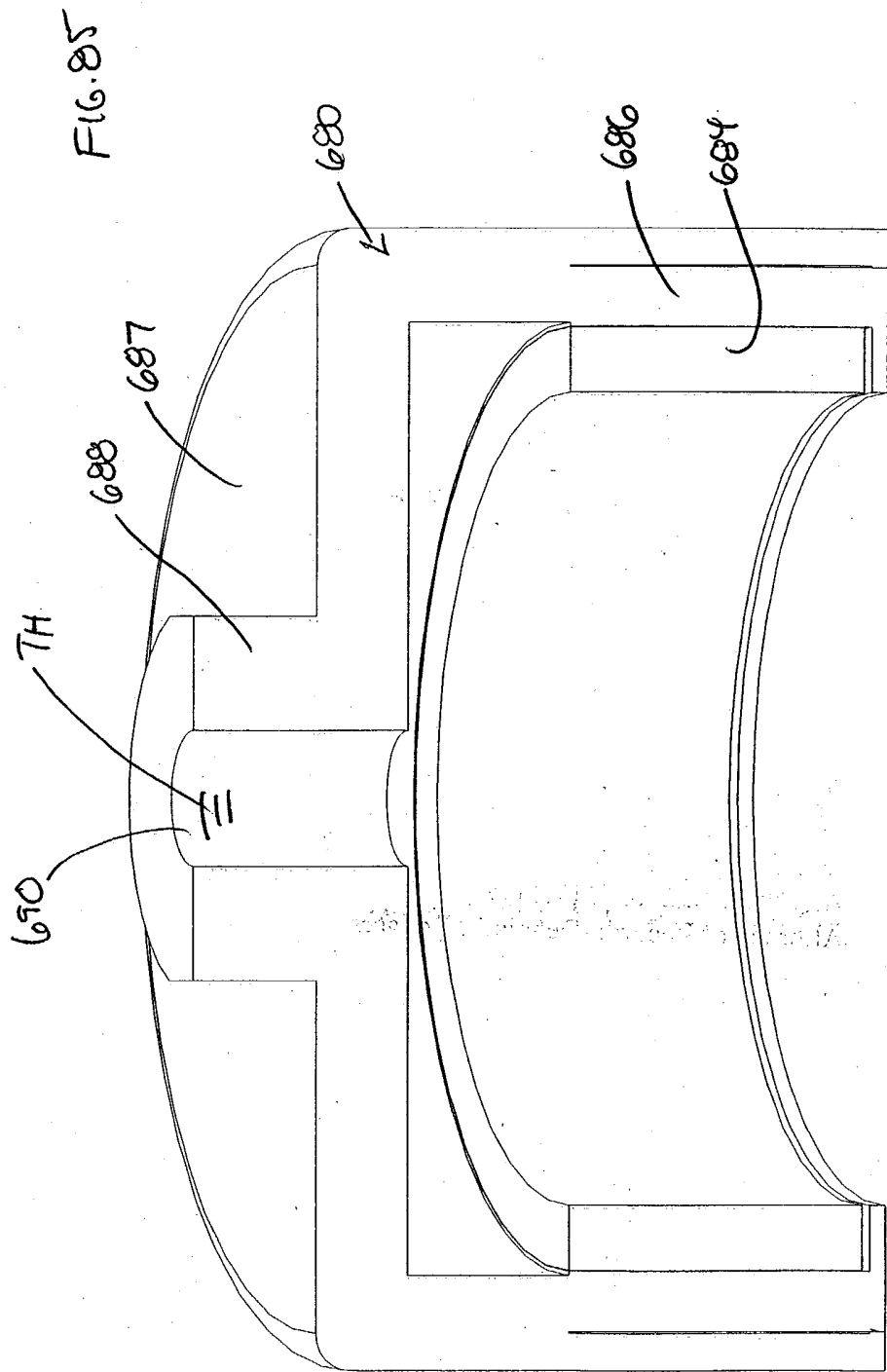


FIG. 86

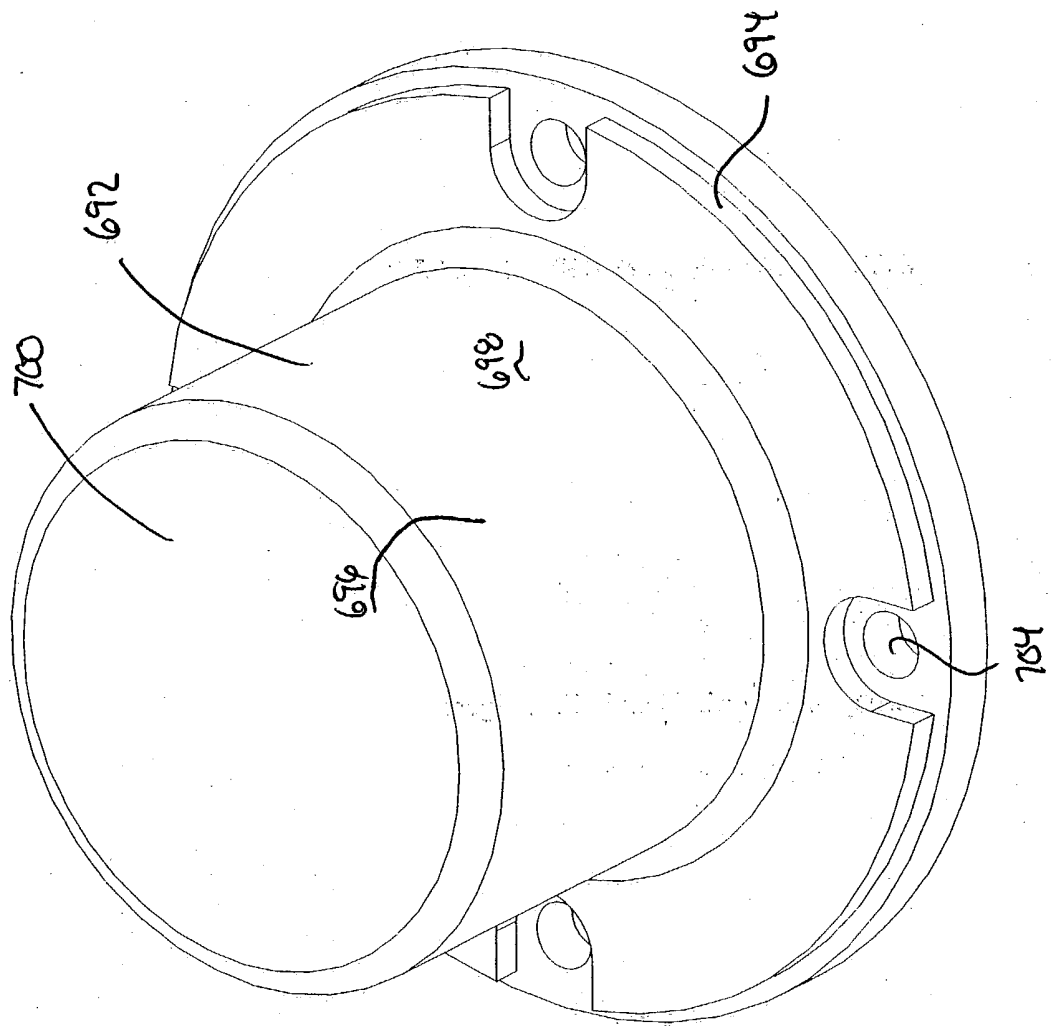
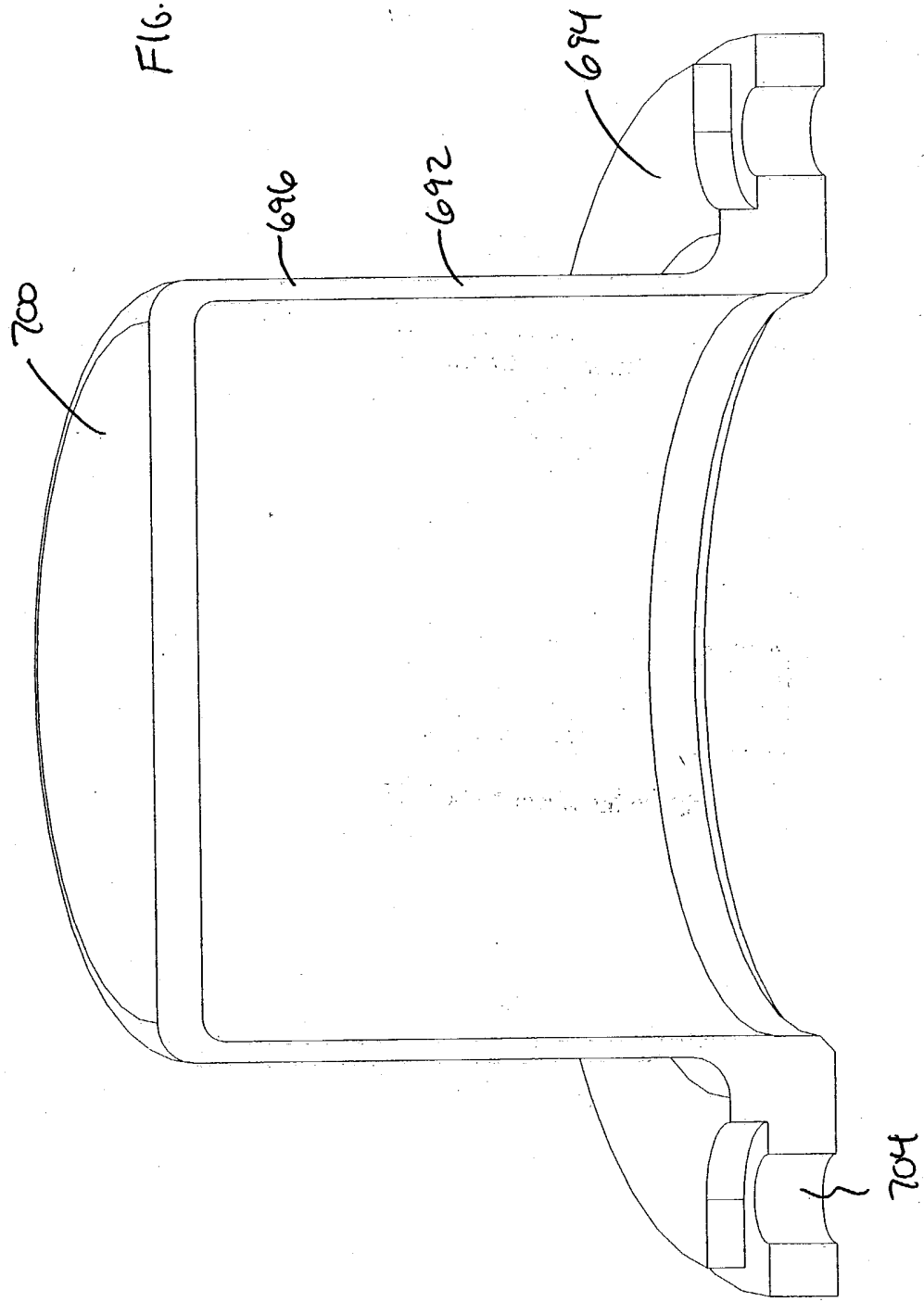


FIG. 87



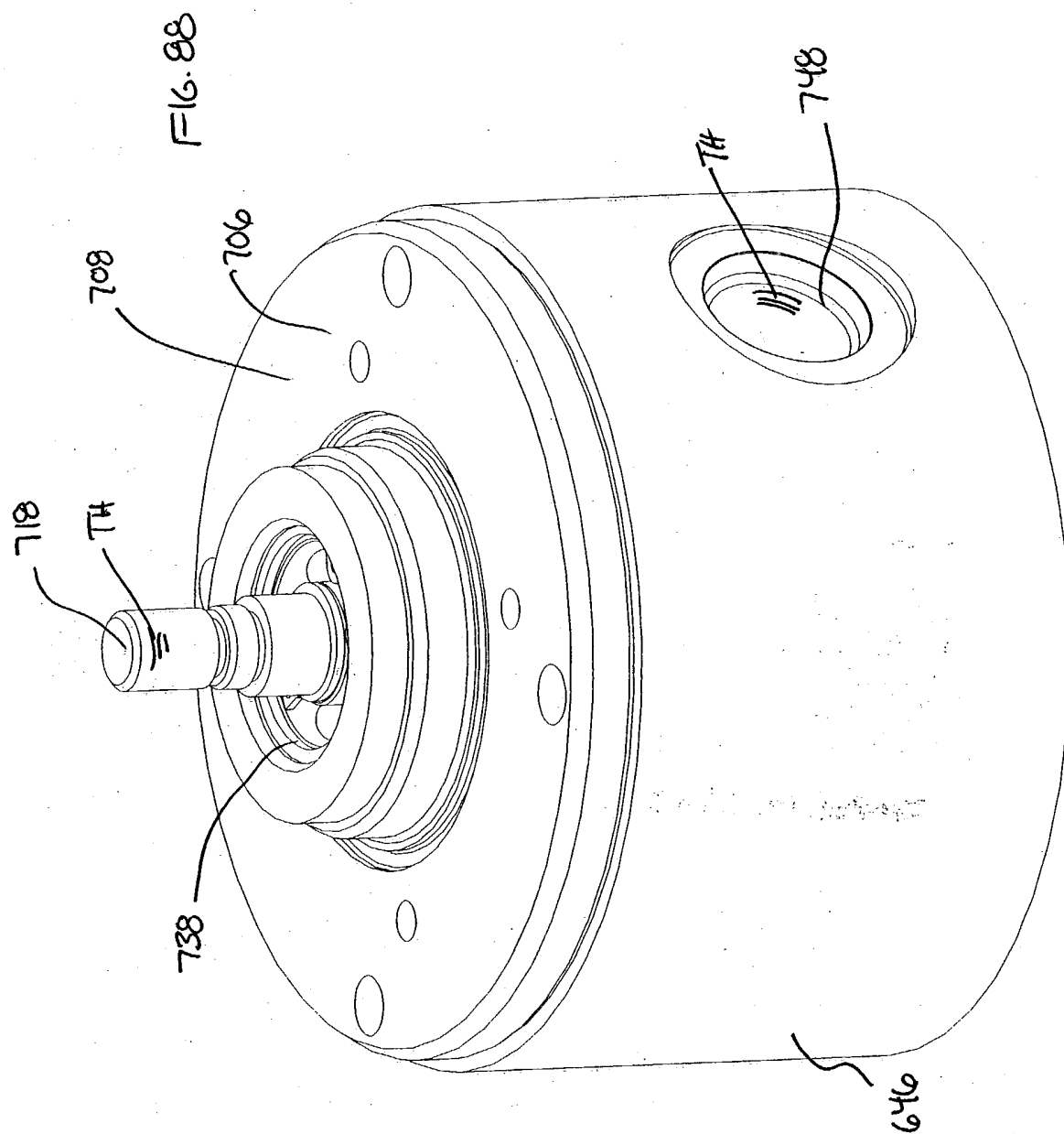


FIG. 89A

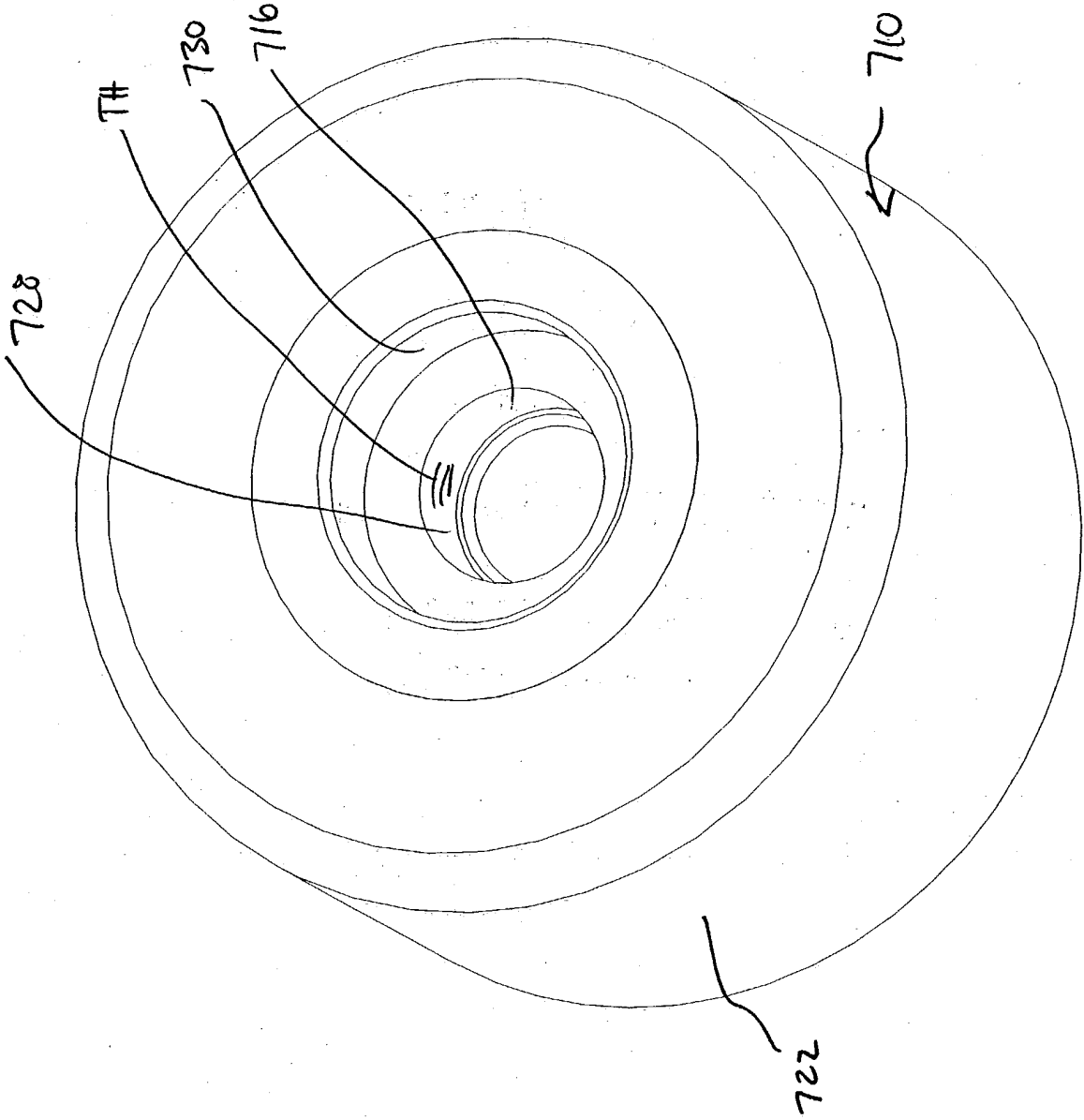


FIG. 813

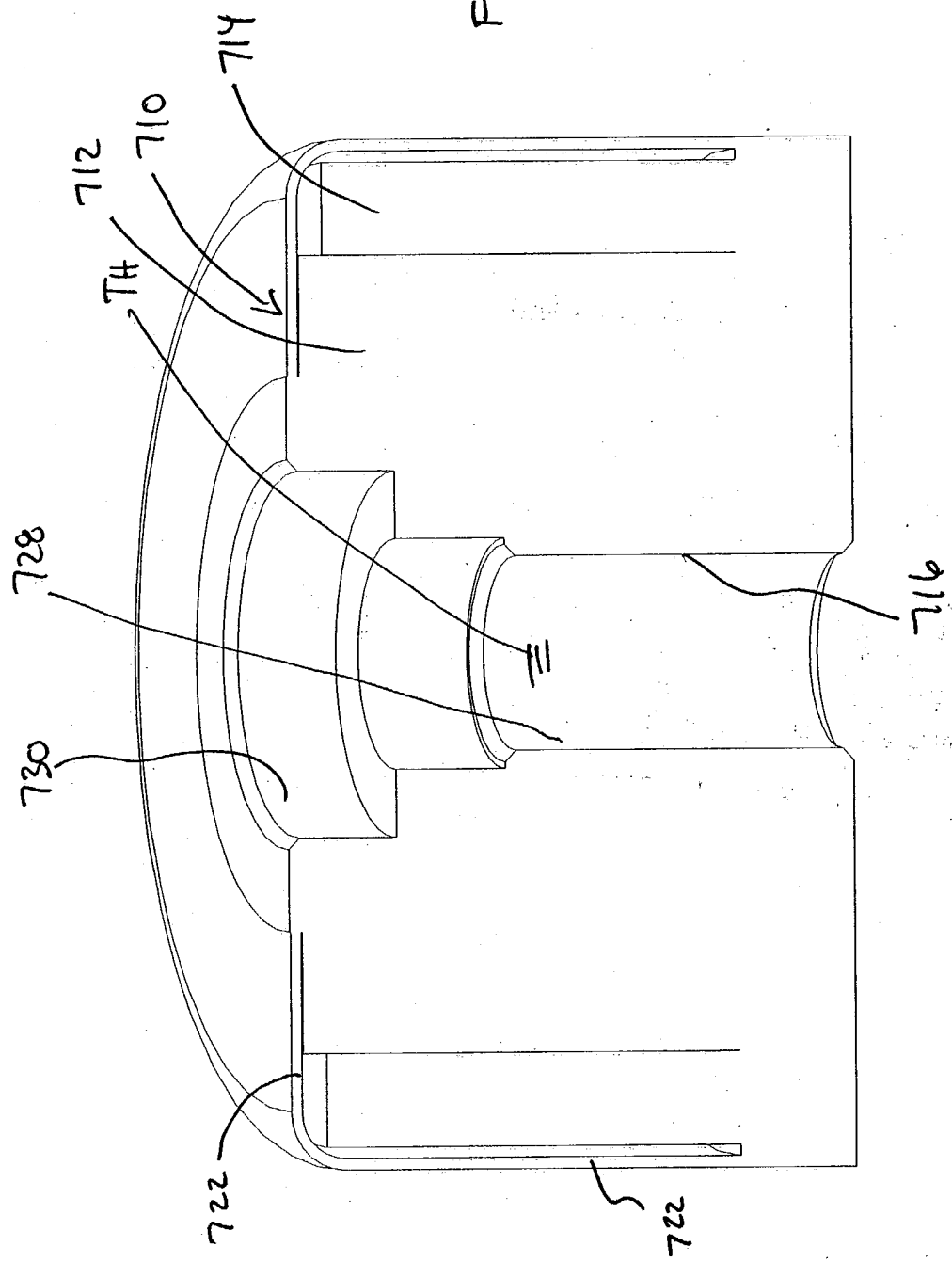
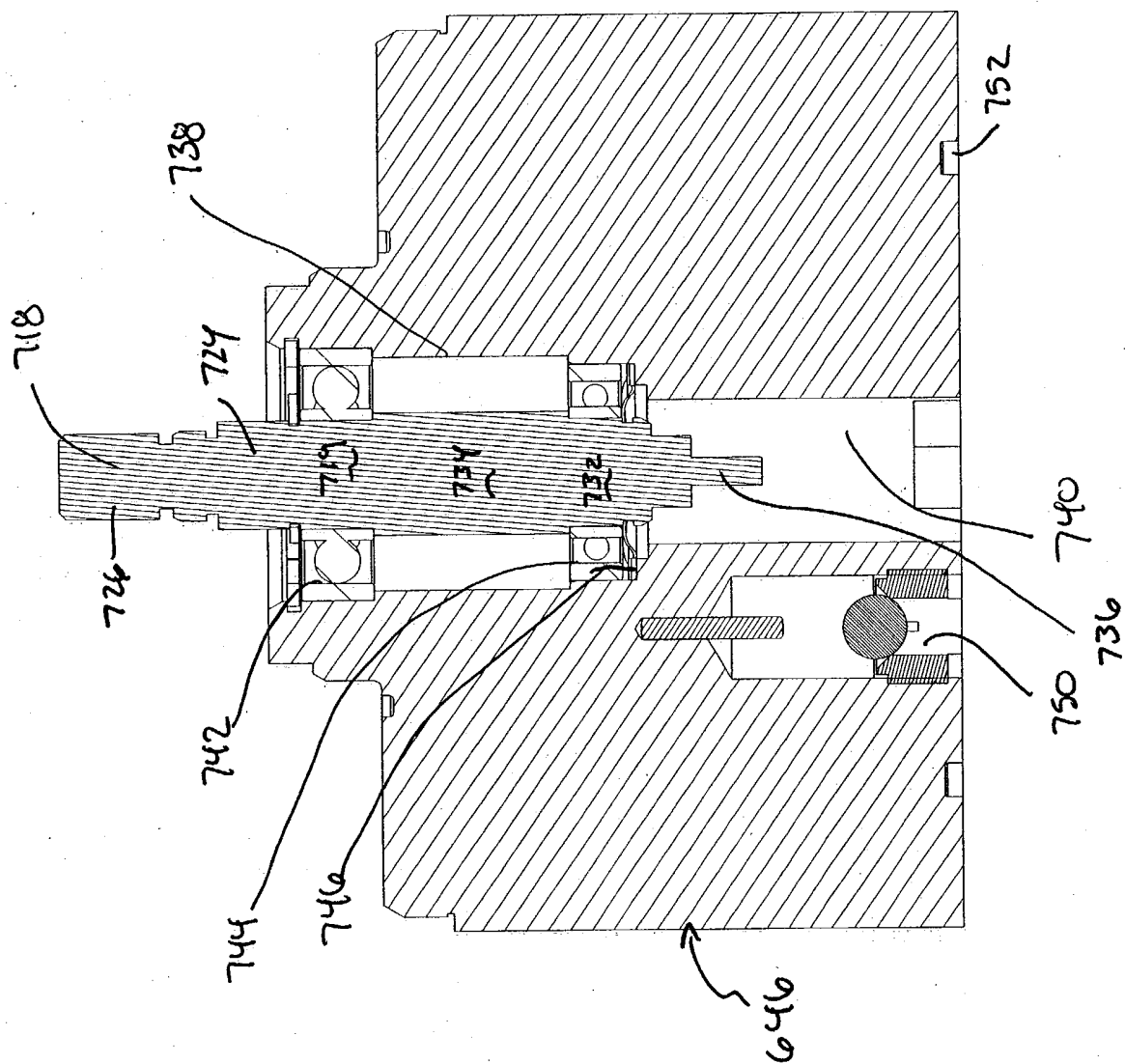


FIG. 90



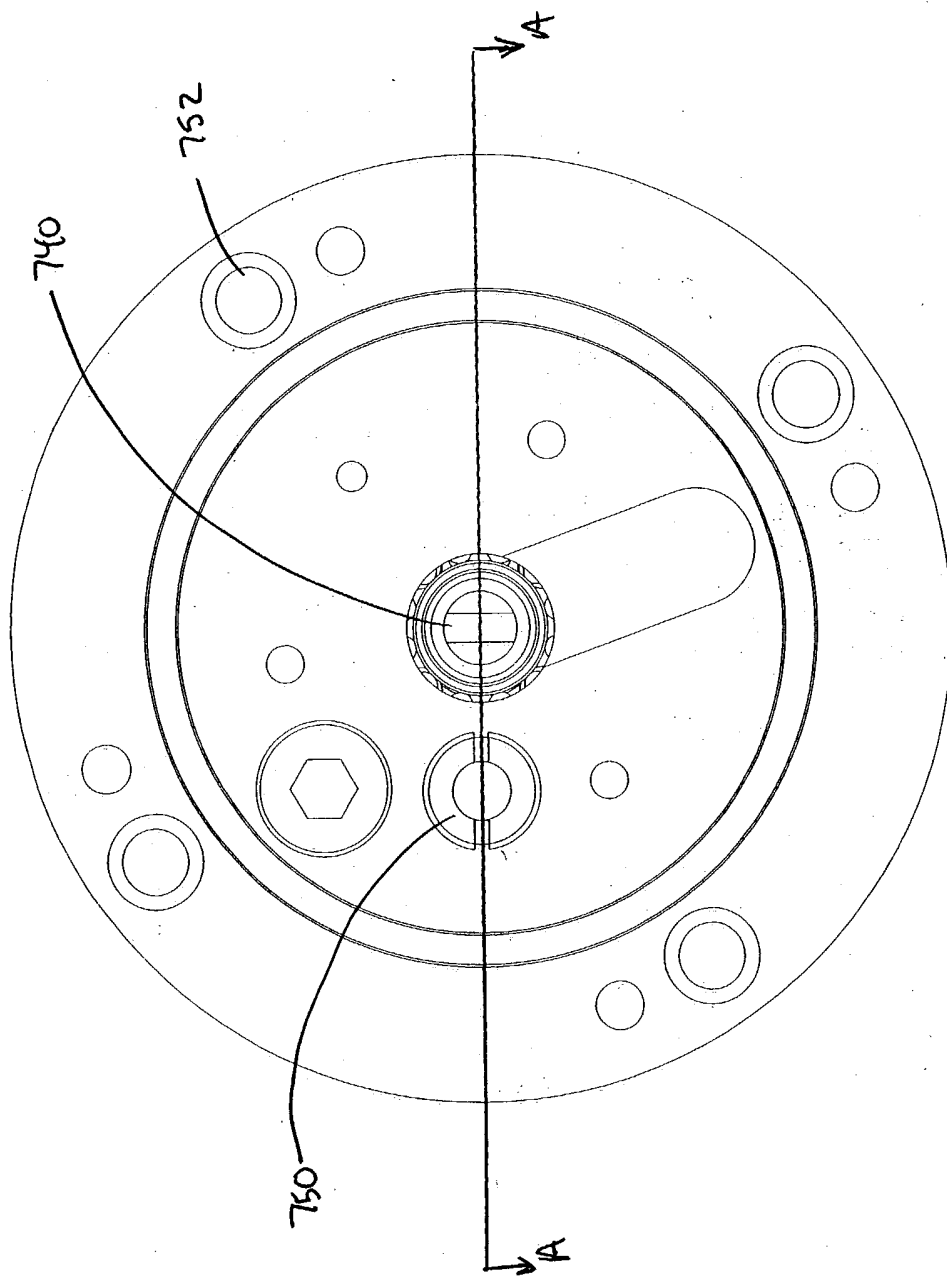
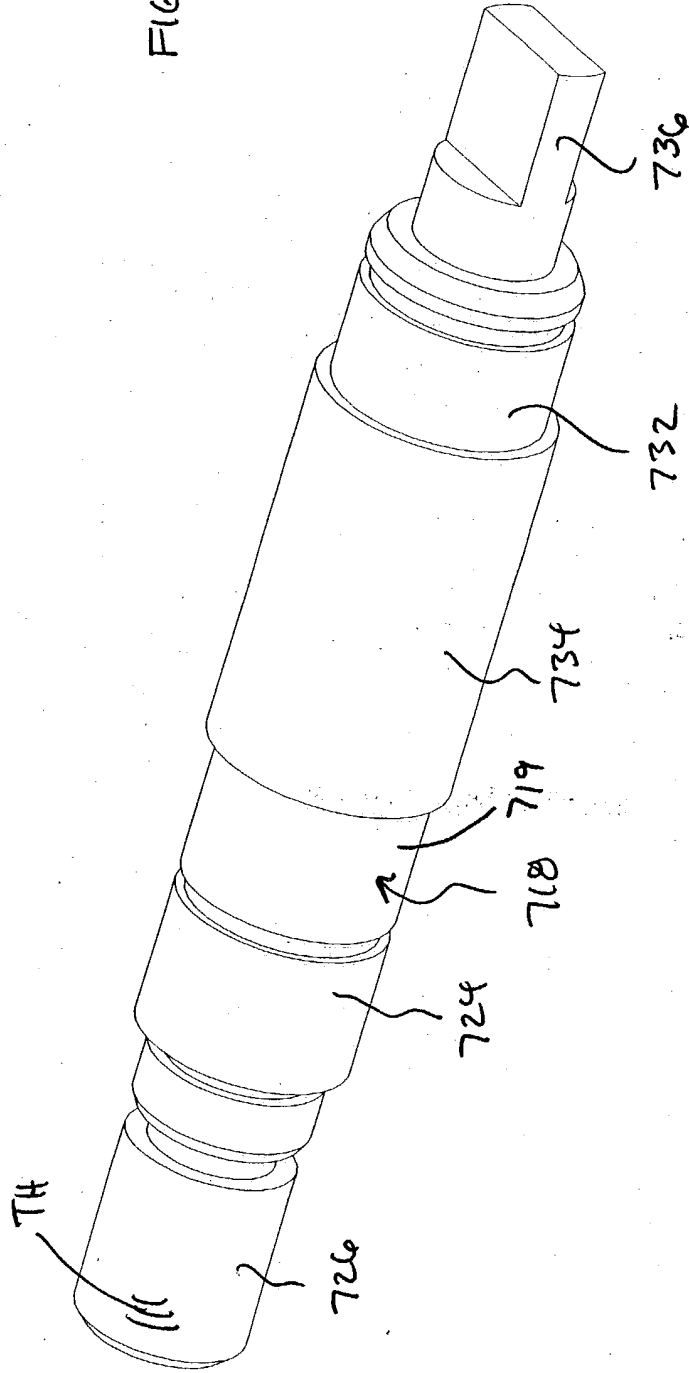


FIG. 91

FIG. 92



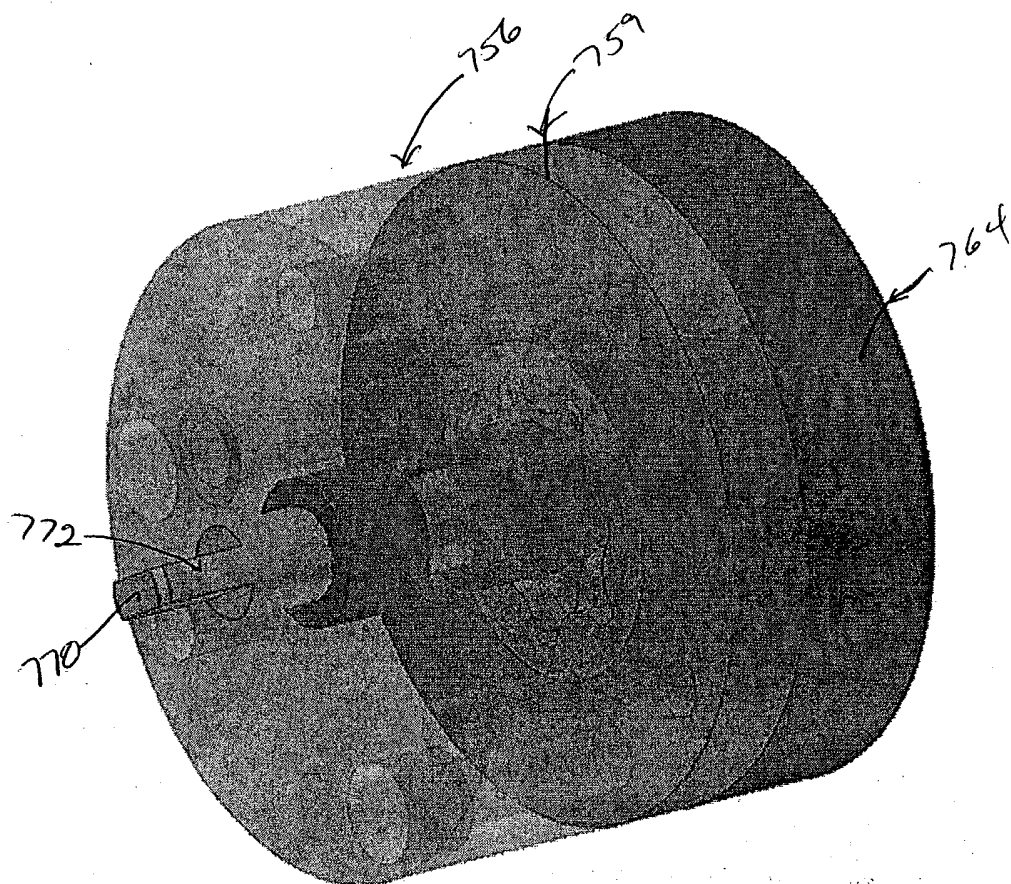
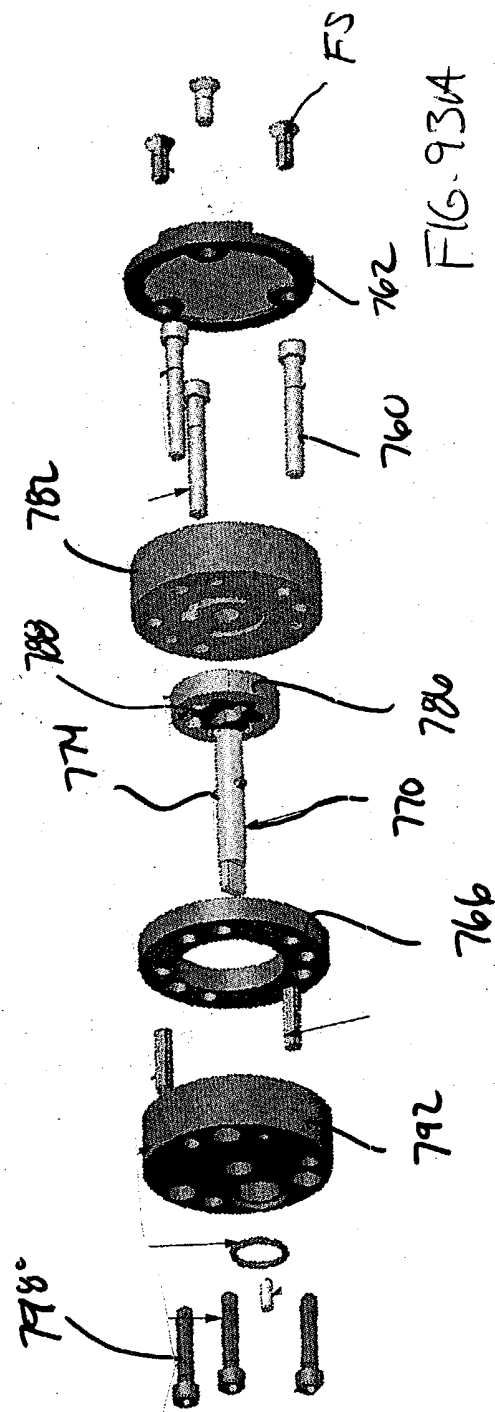


FIG. 93



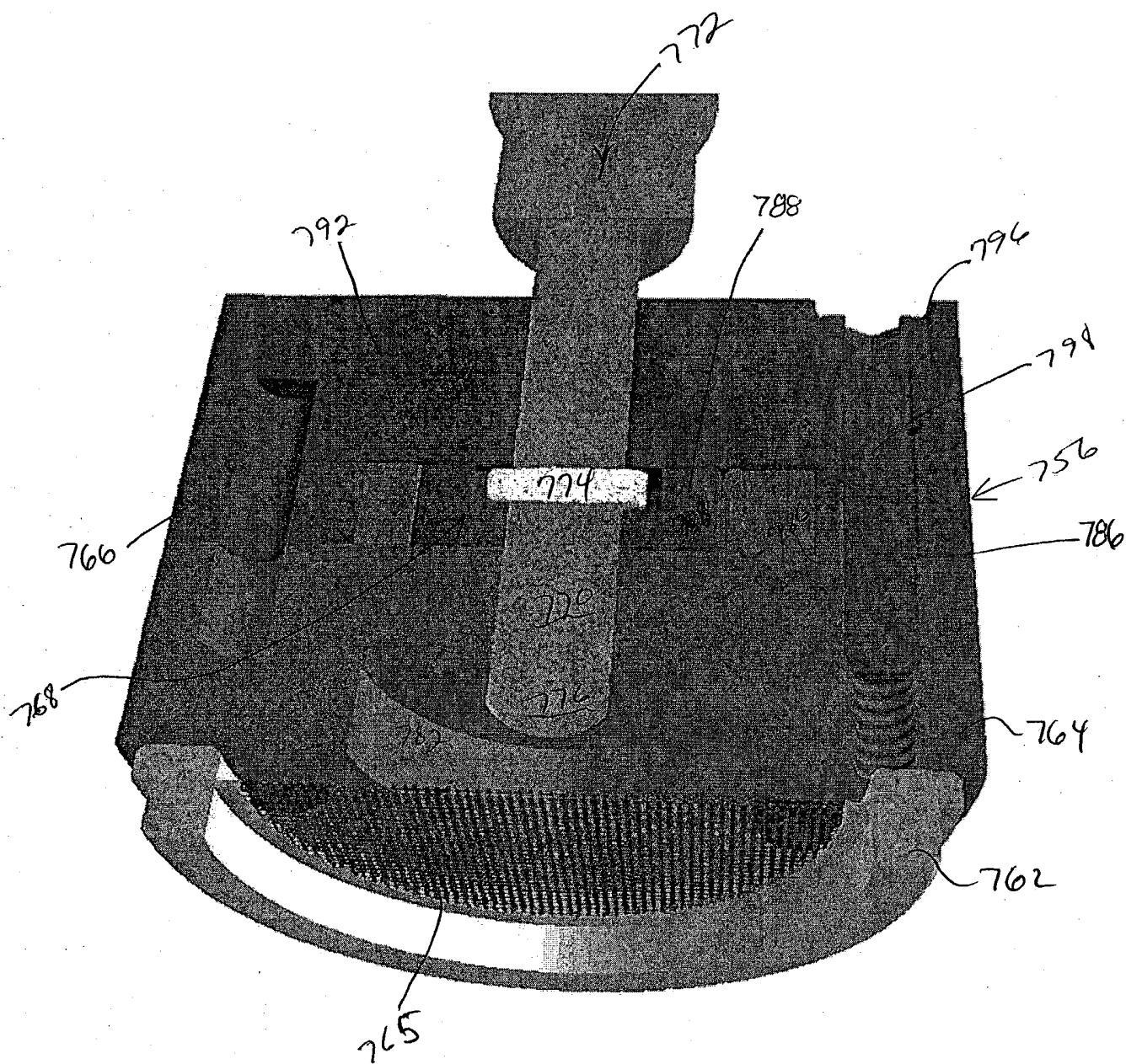


FIG. 94

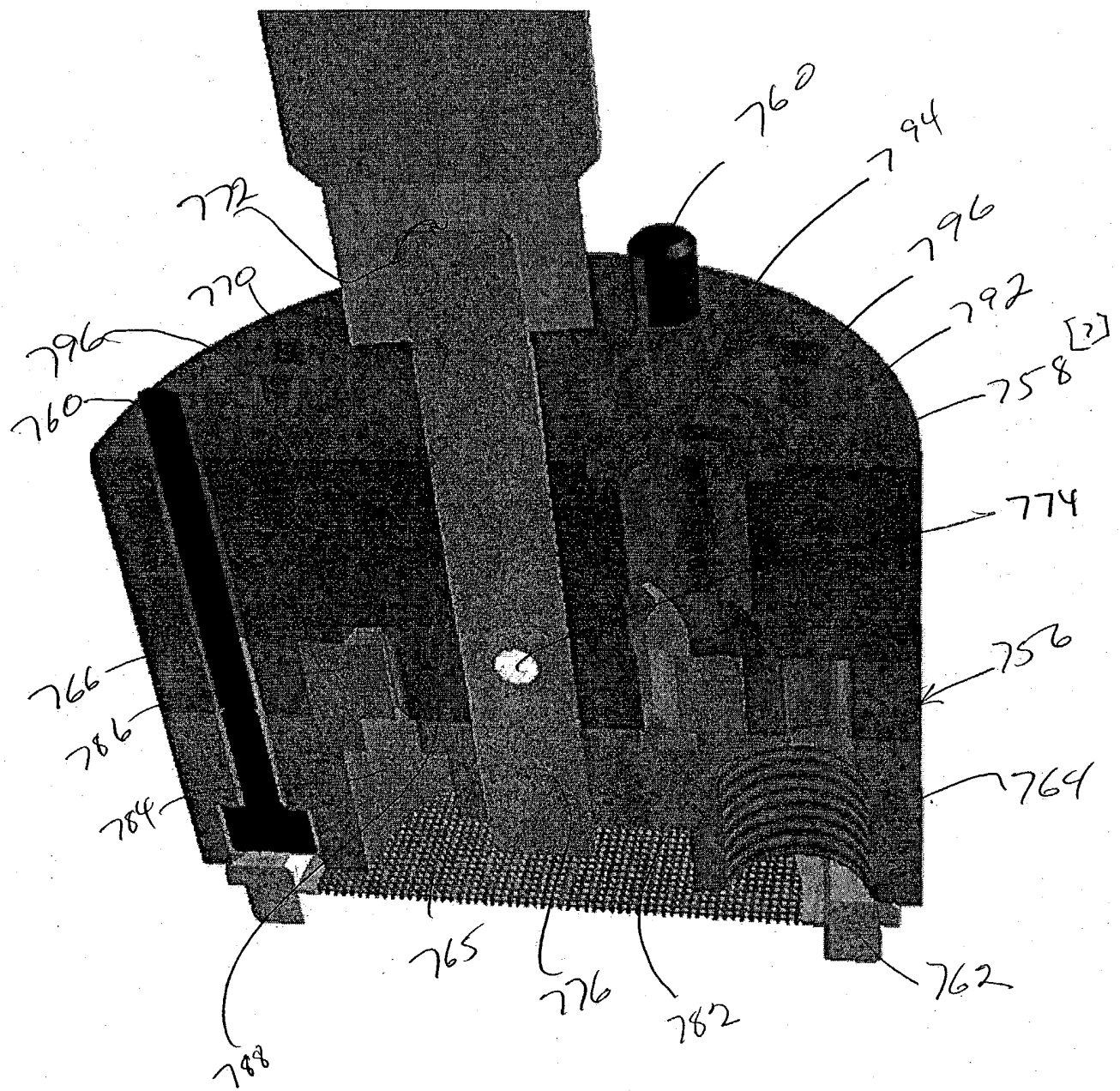
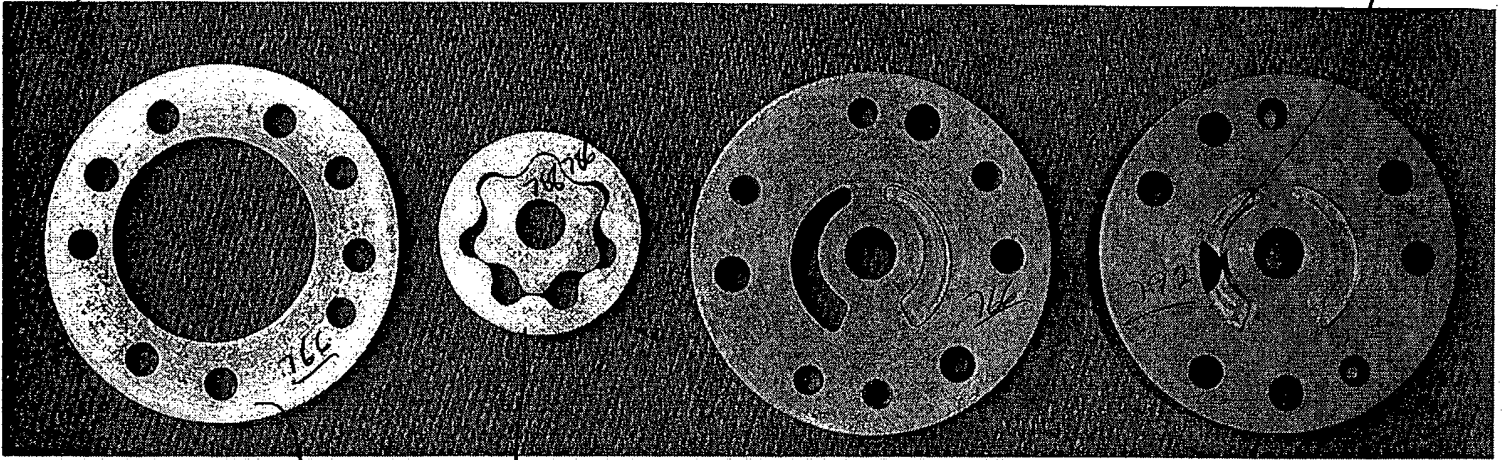


FIG. 95

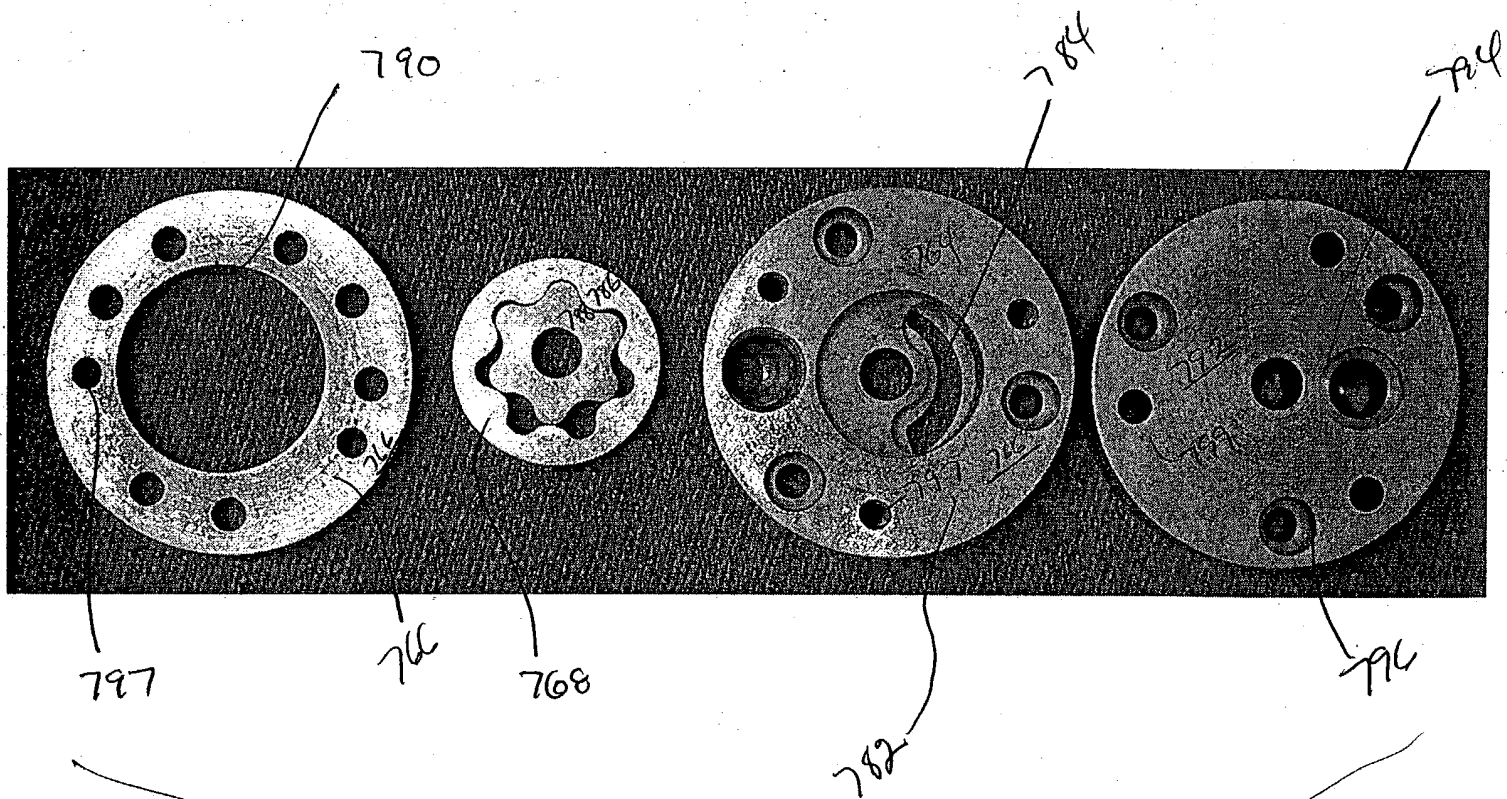
FIG. 96

794



766

768



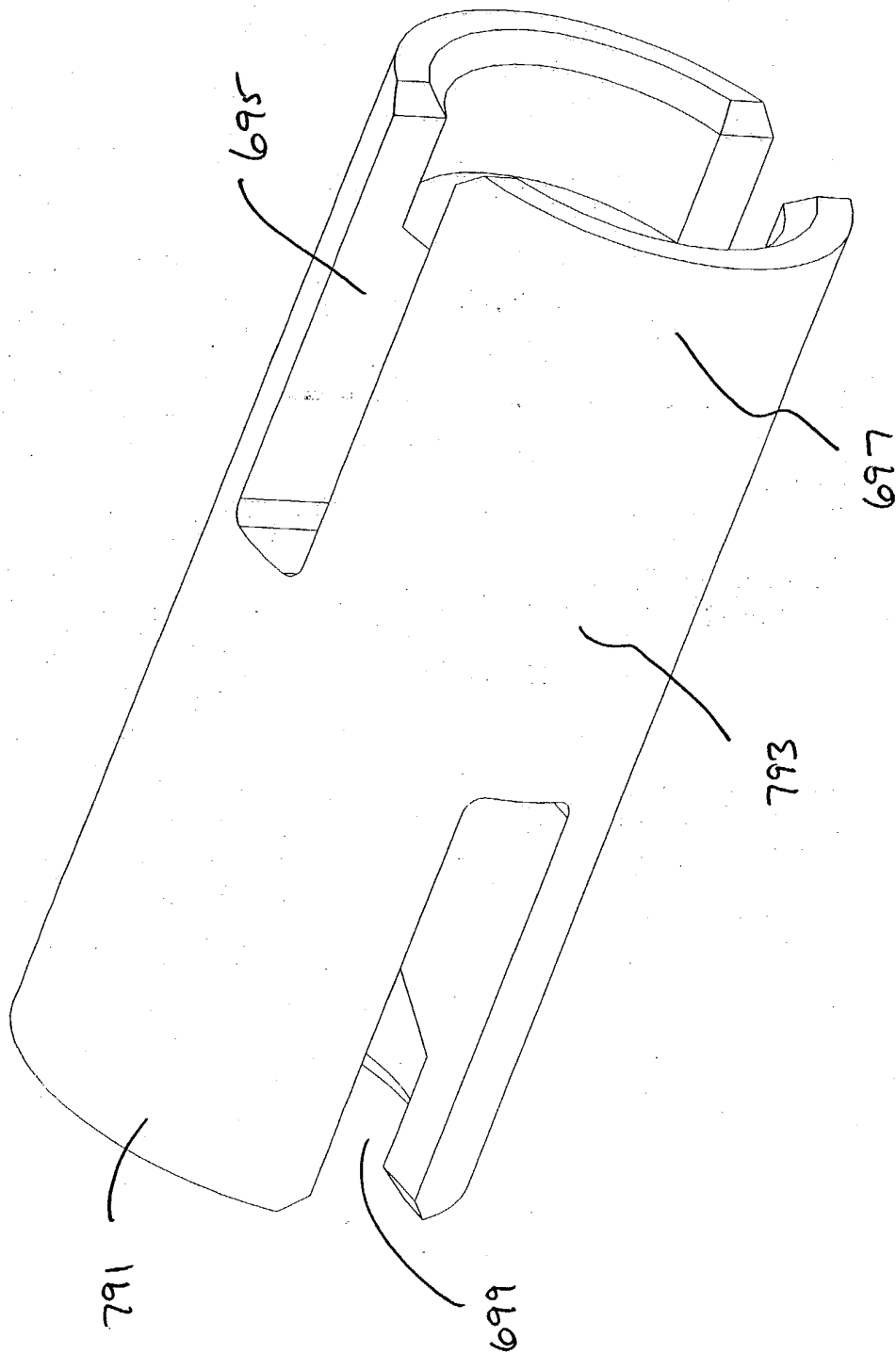


FIG. 78

FIG. 99

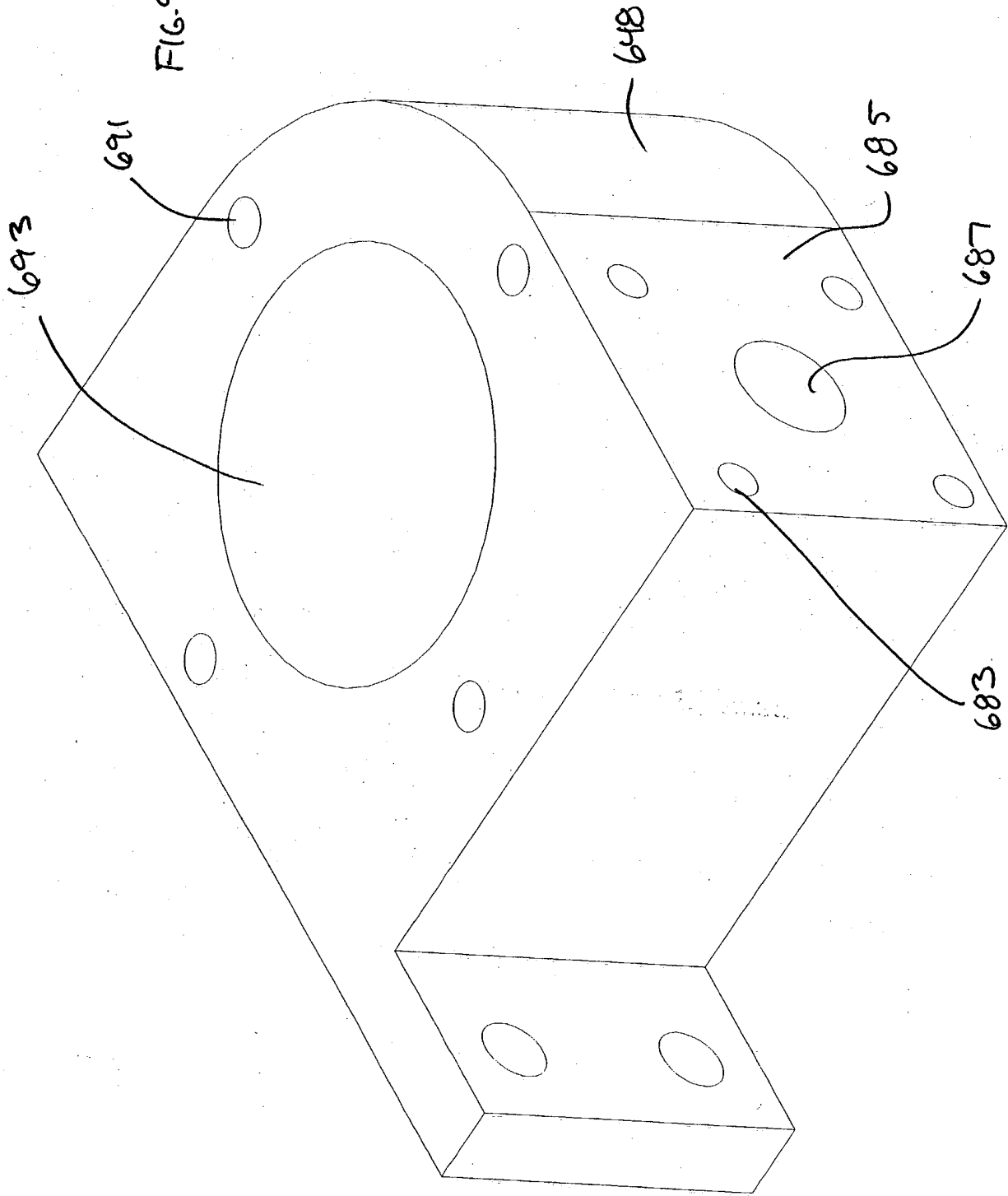
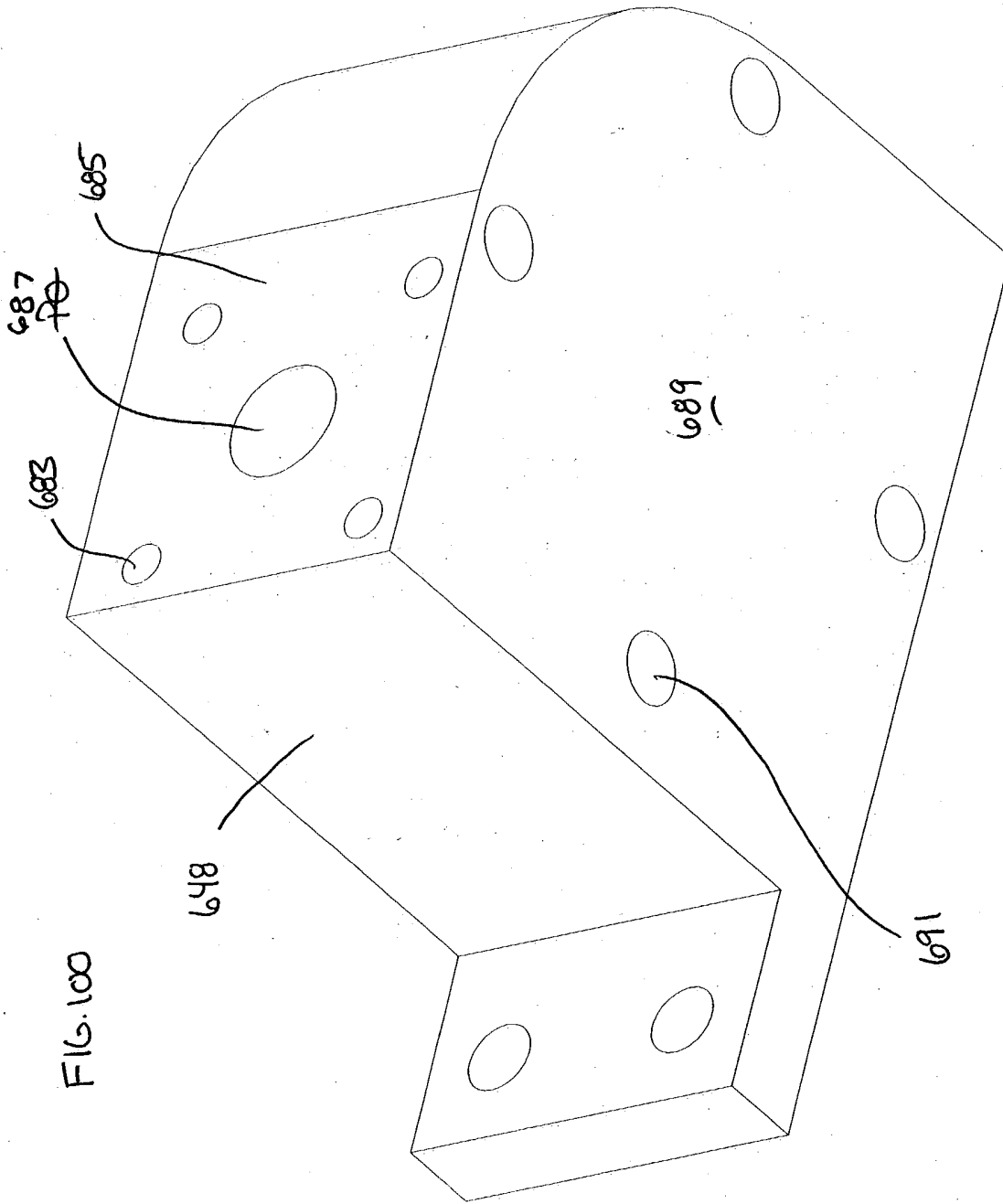
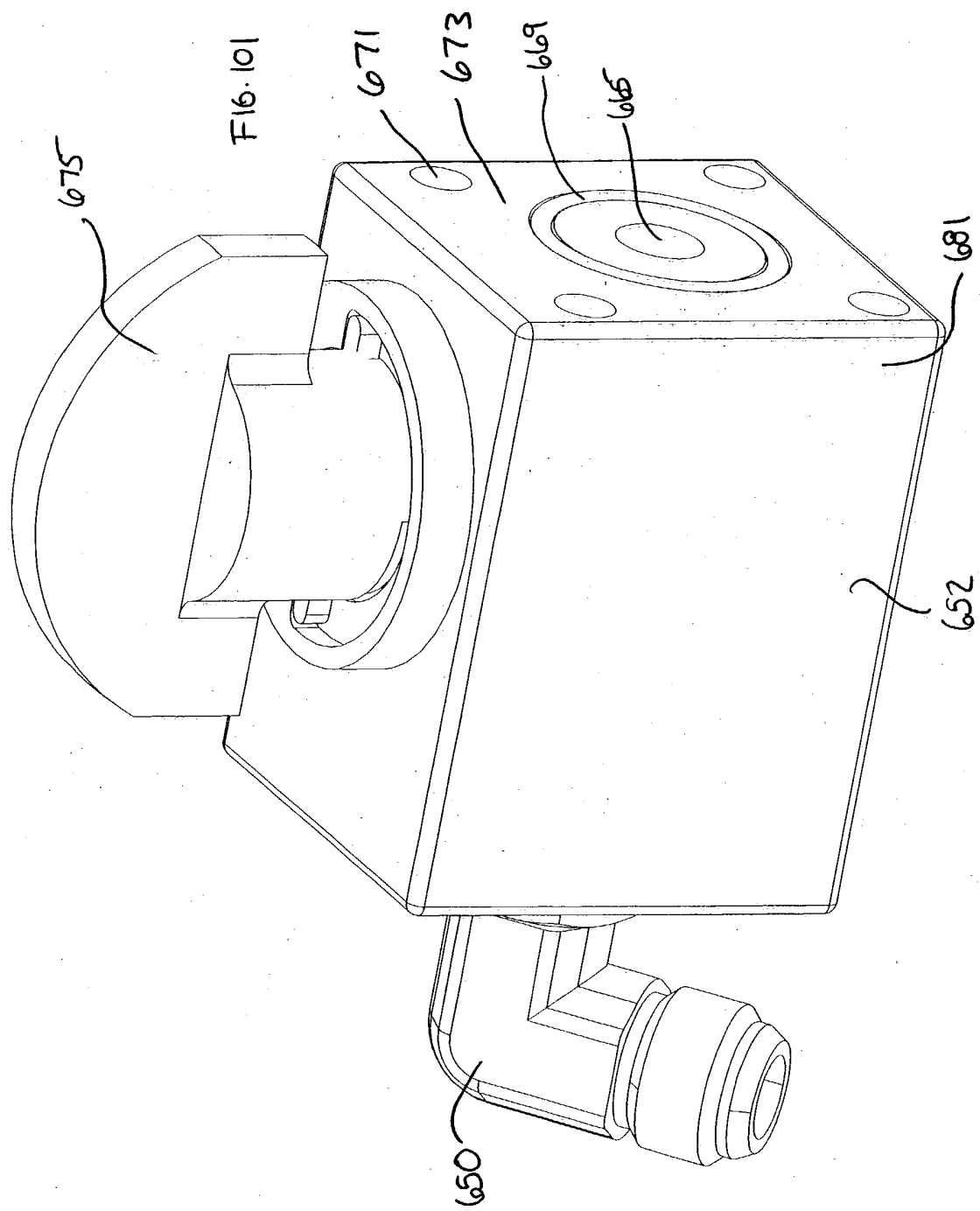


FIG. 100





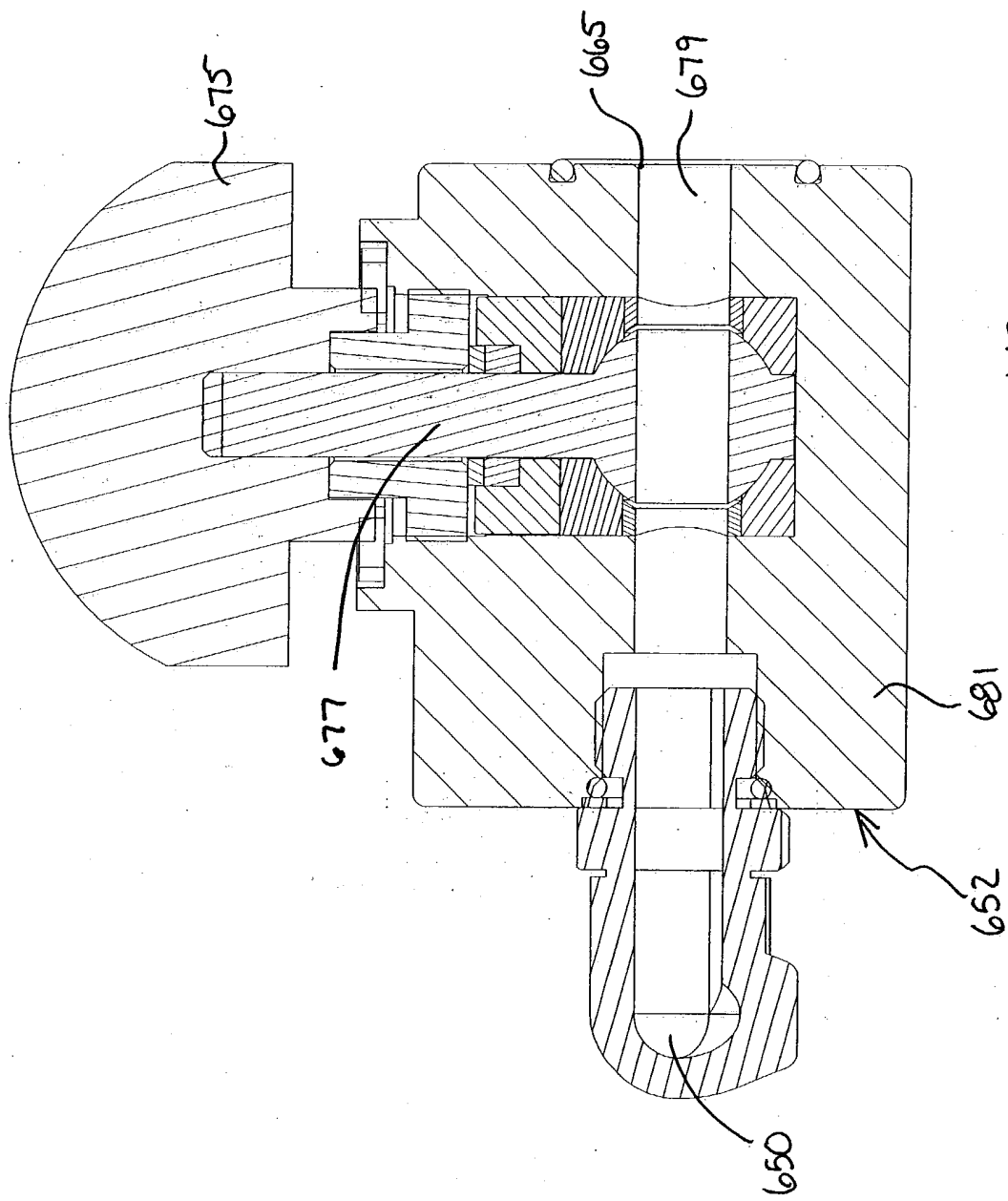
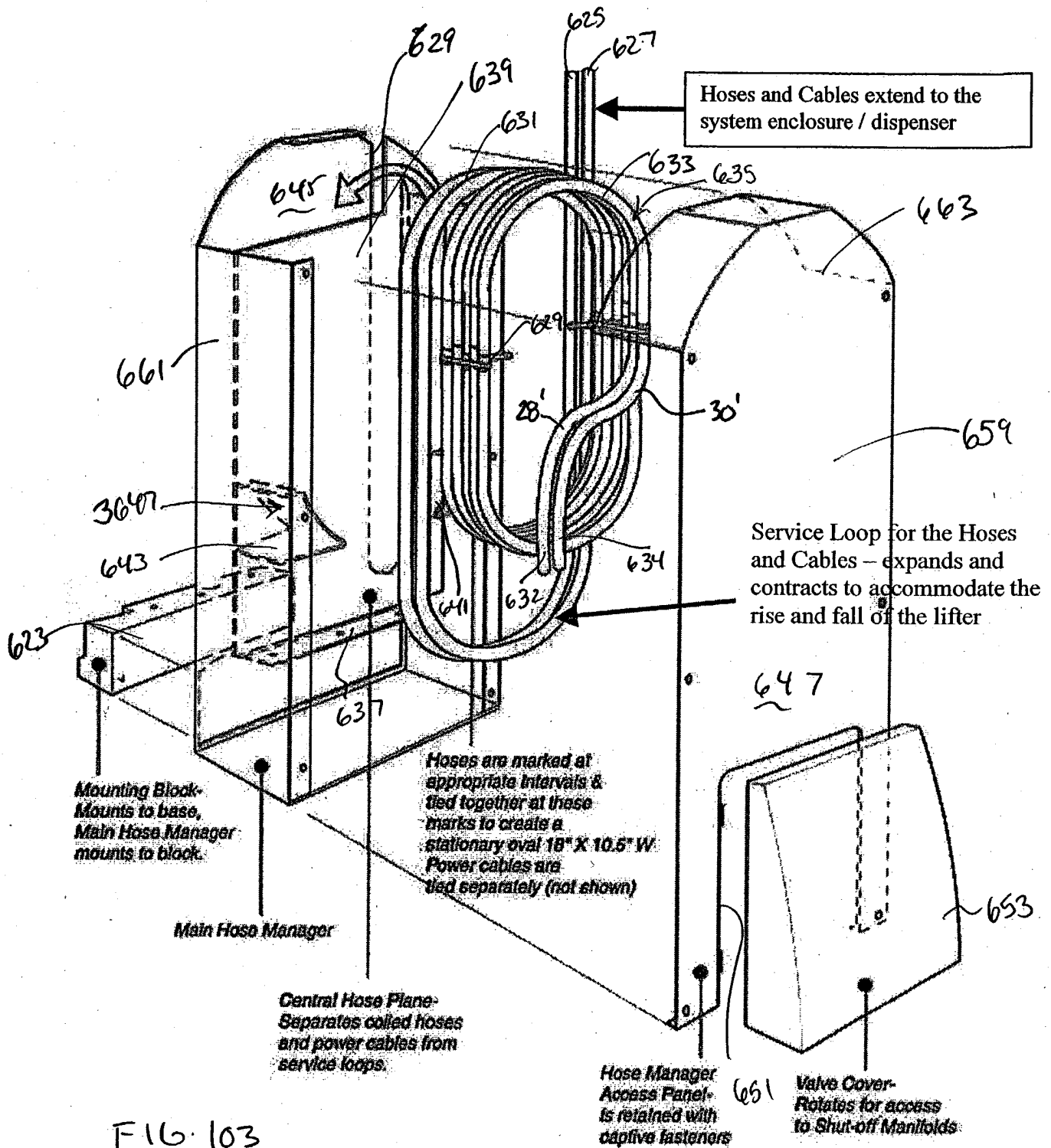


FIG. 102



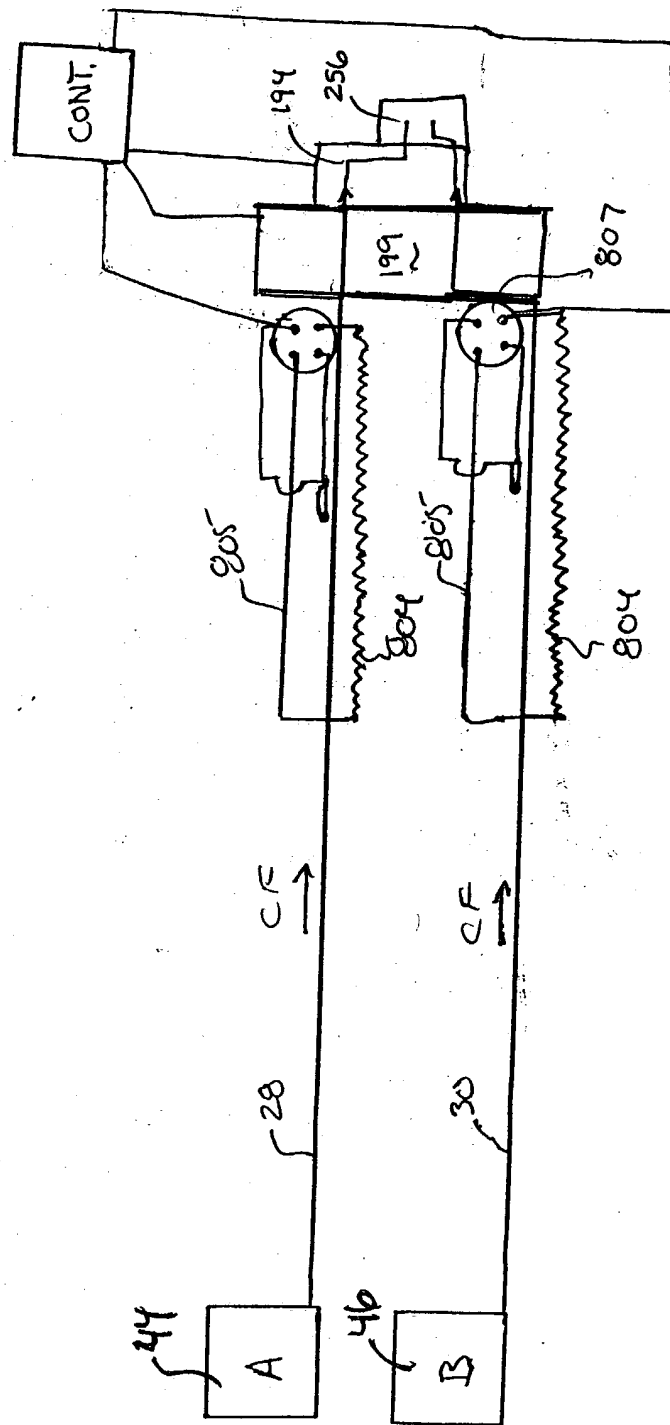


FIG. 104

FIG. 105

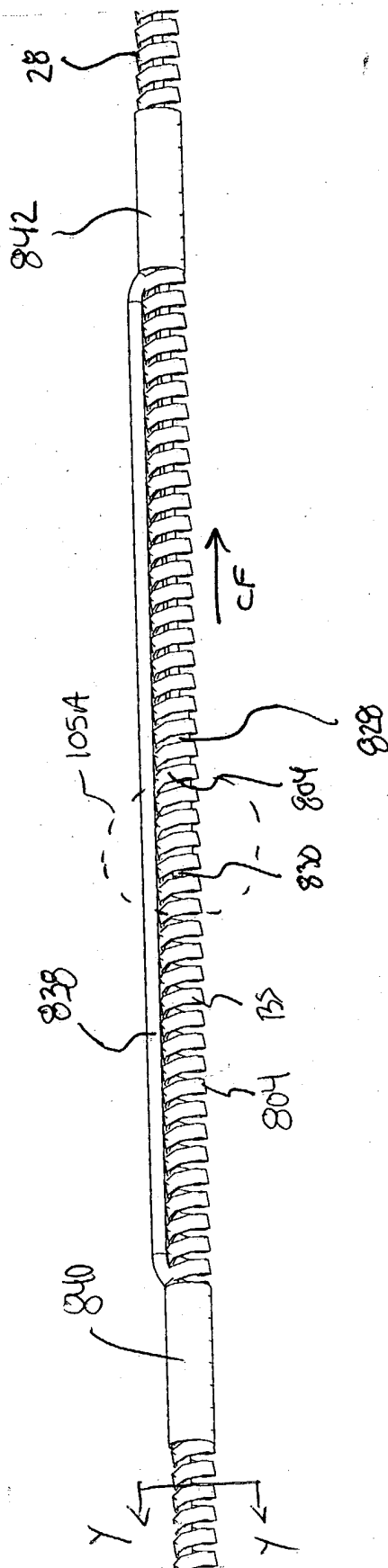


FIG. 105A

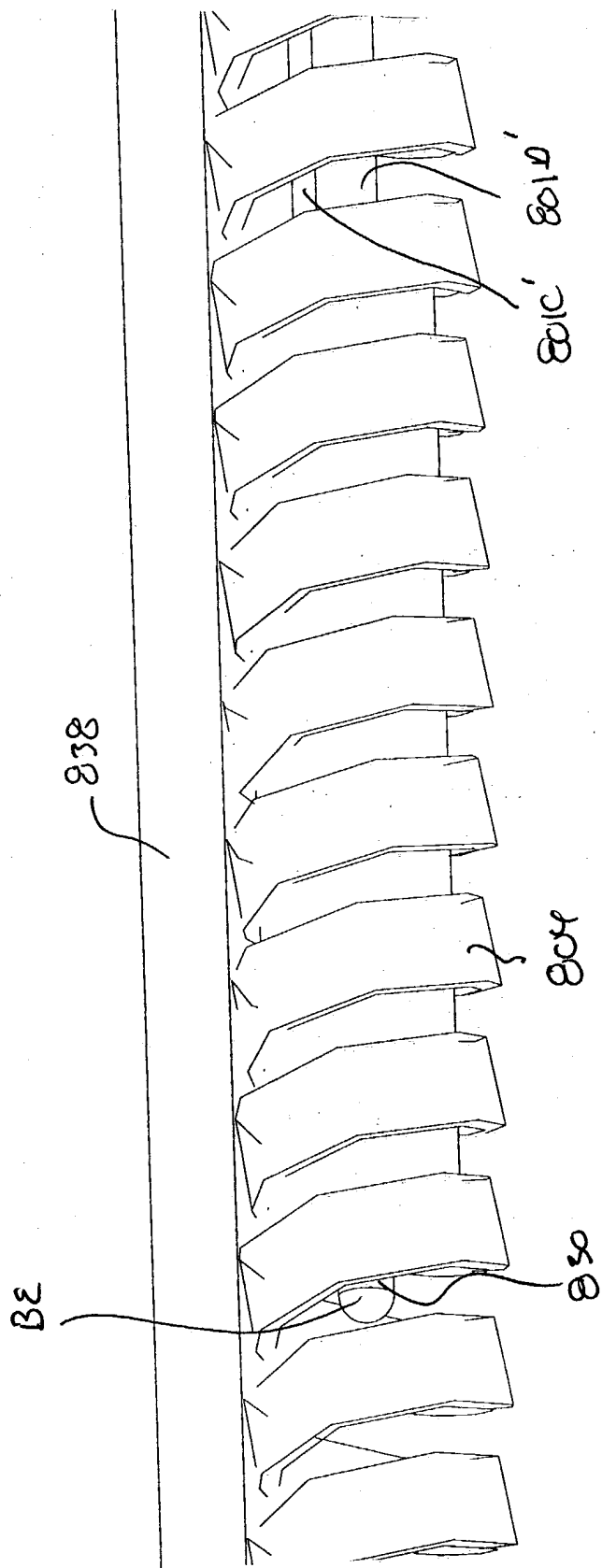


FIG. 106

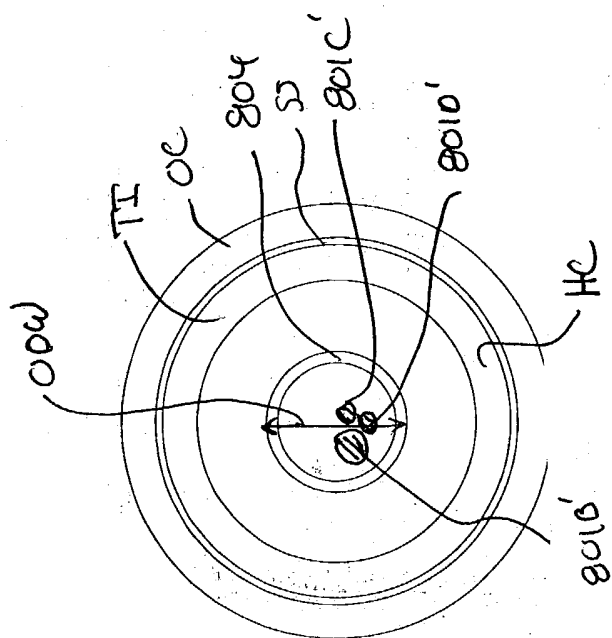
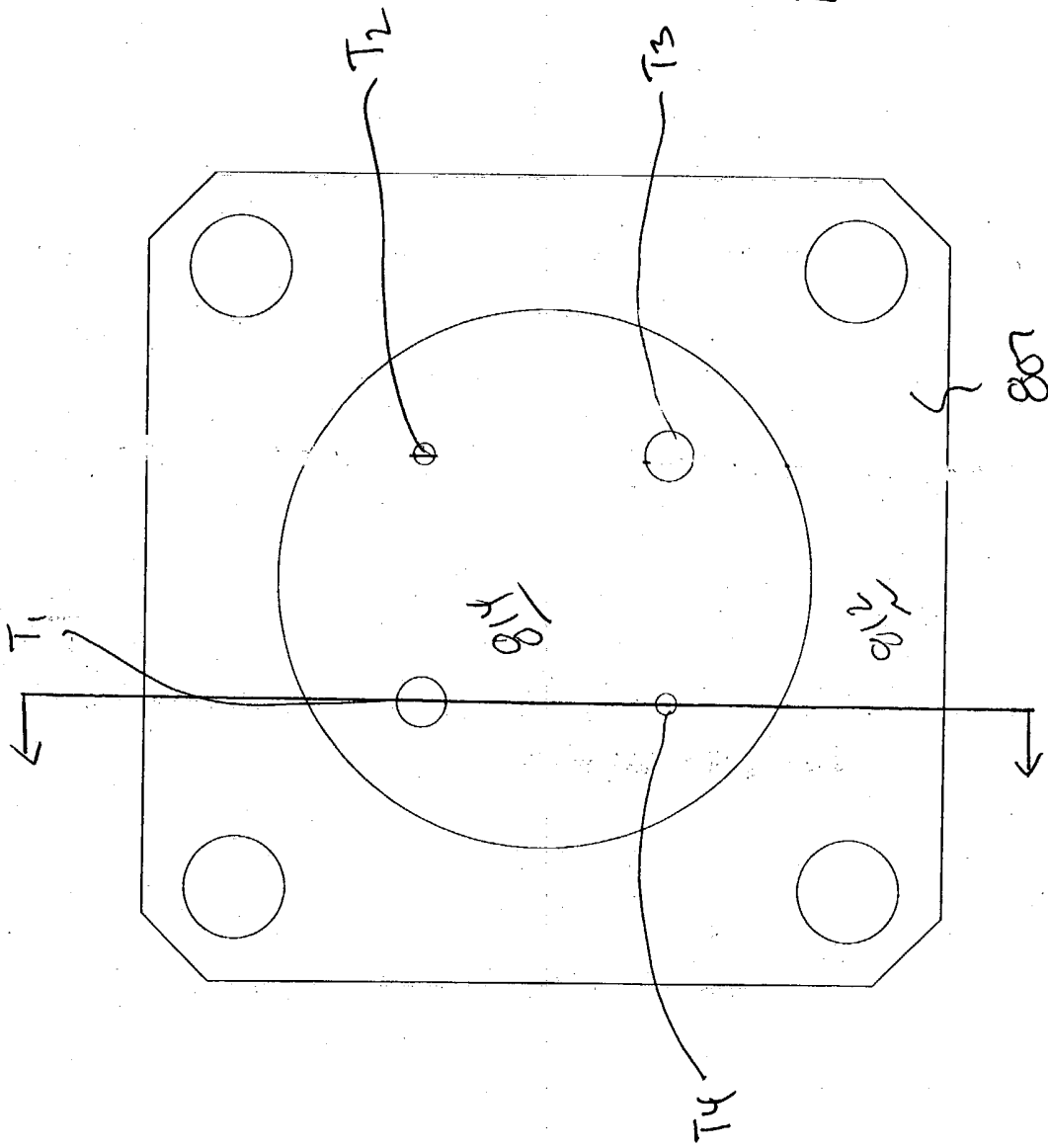


FIG. 107



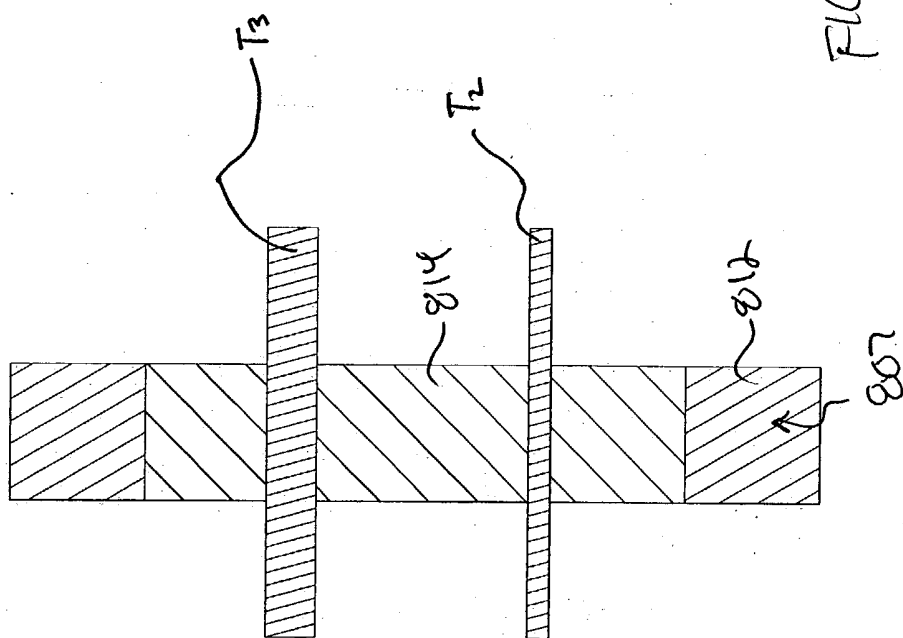


FIG. 108

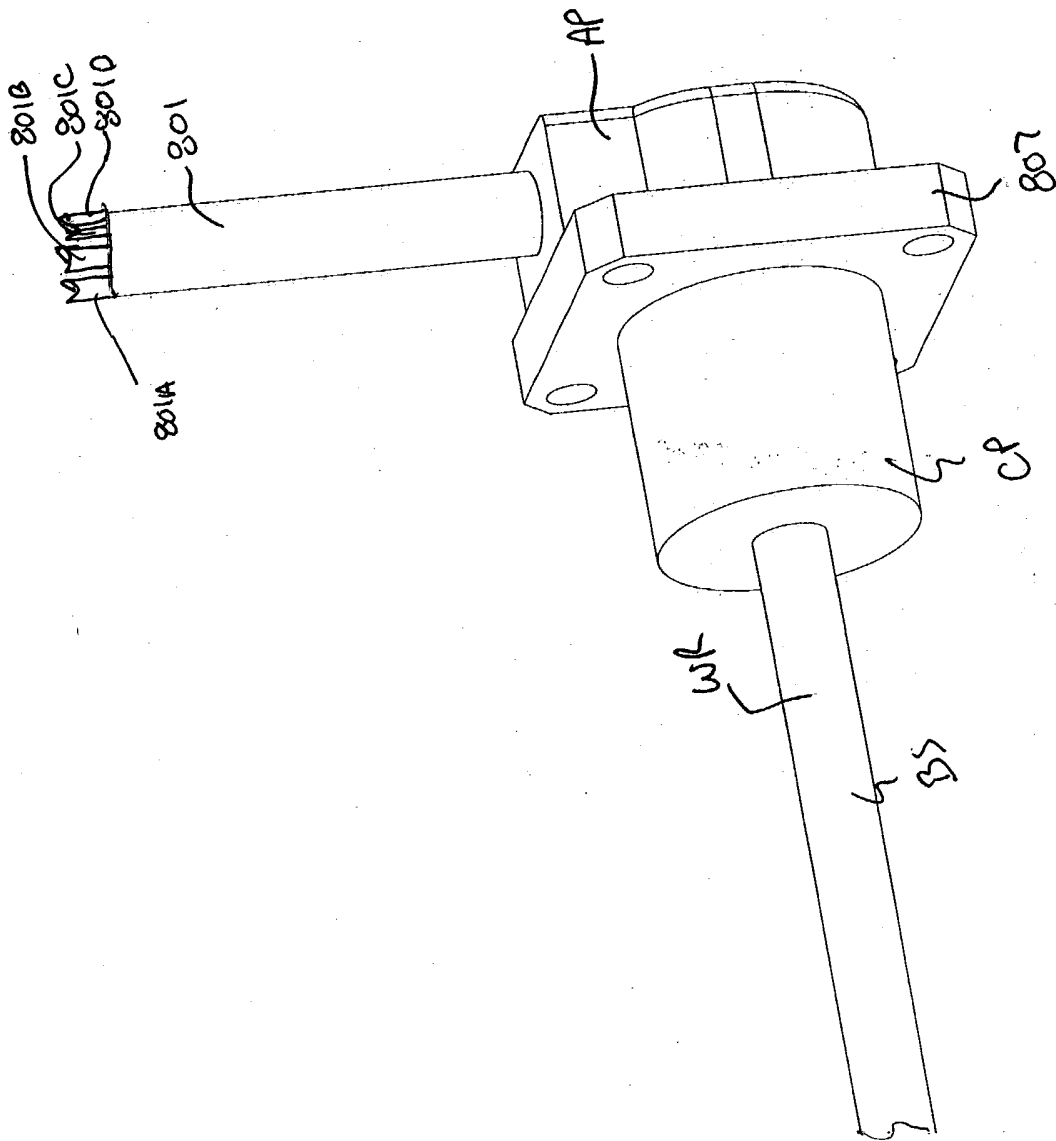


FIG. 109

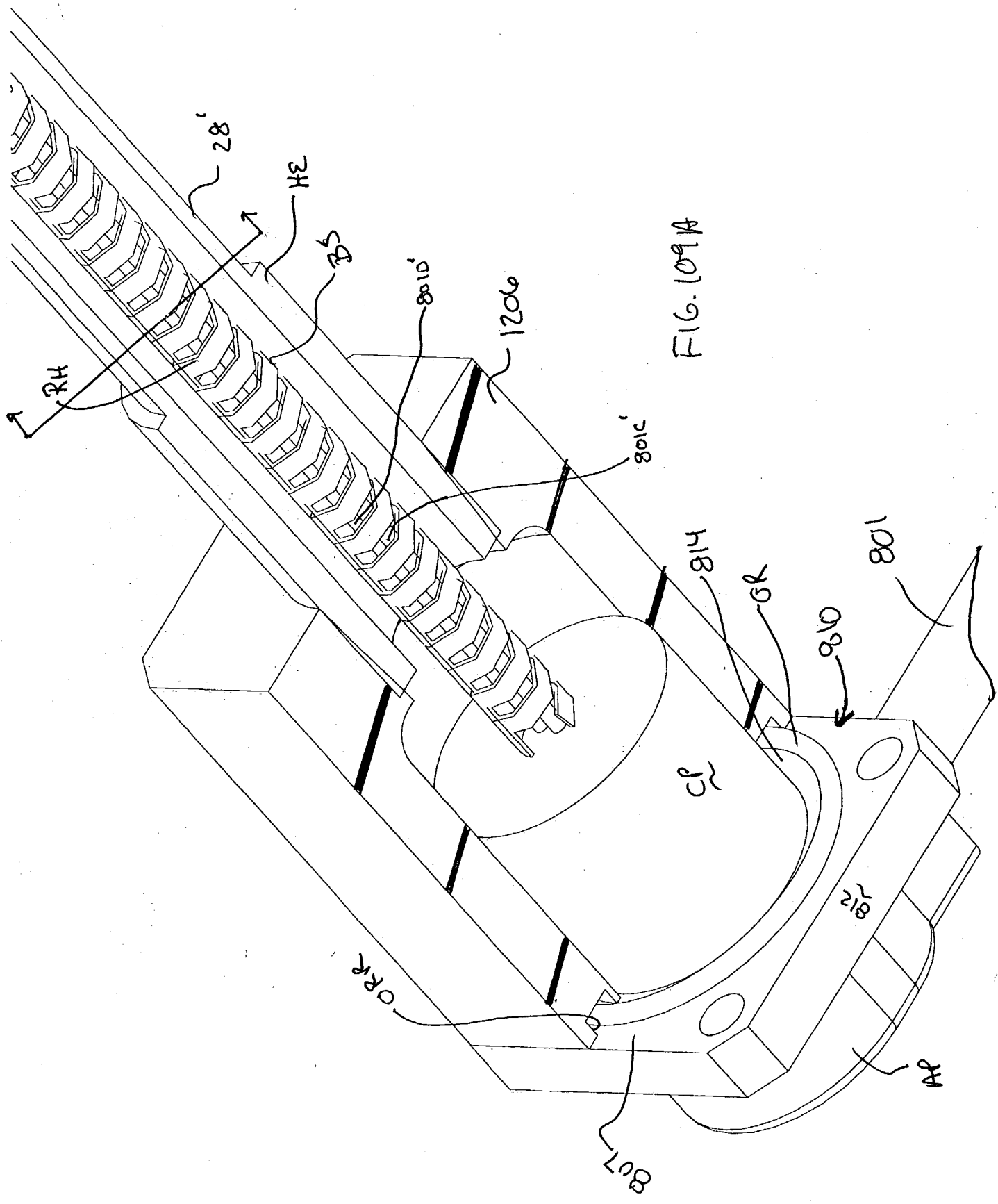
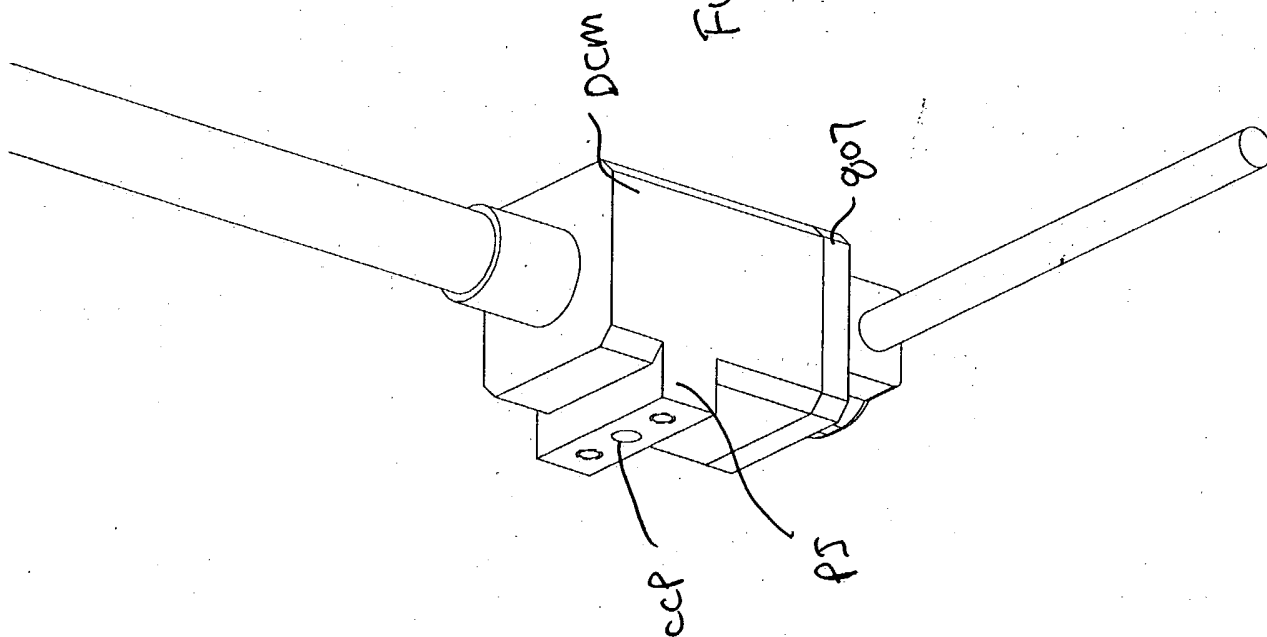
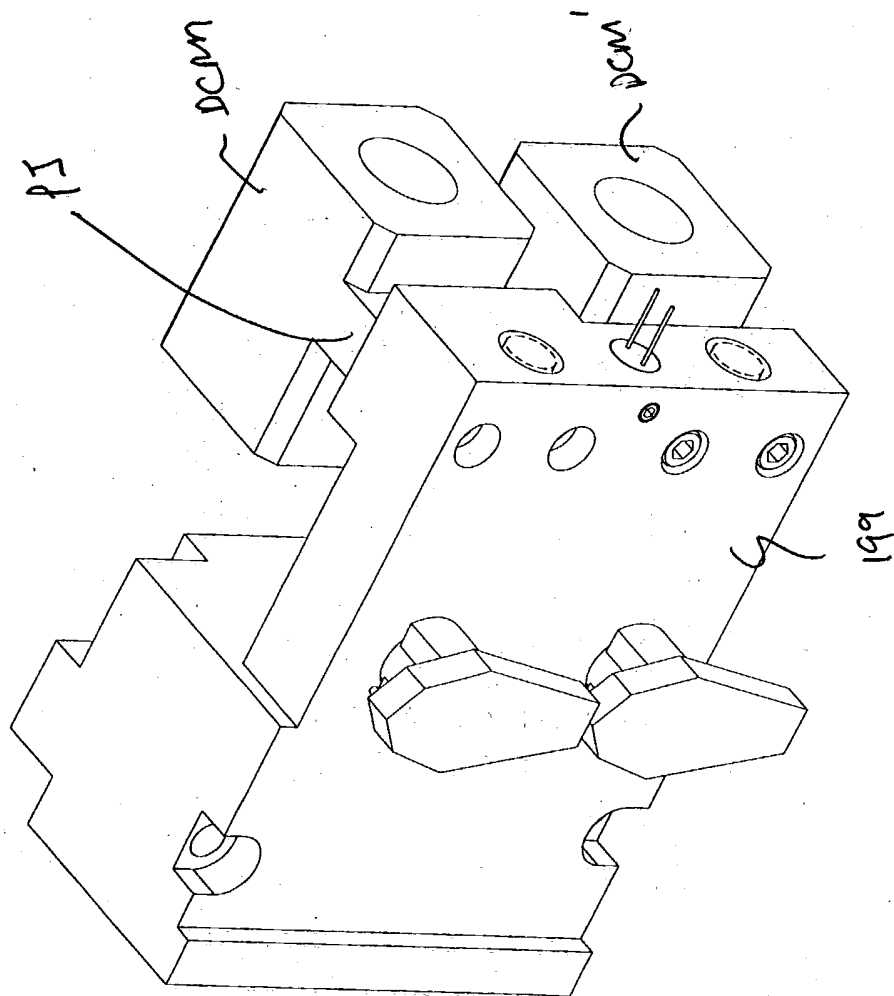


FIG. 109B





109C

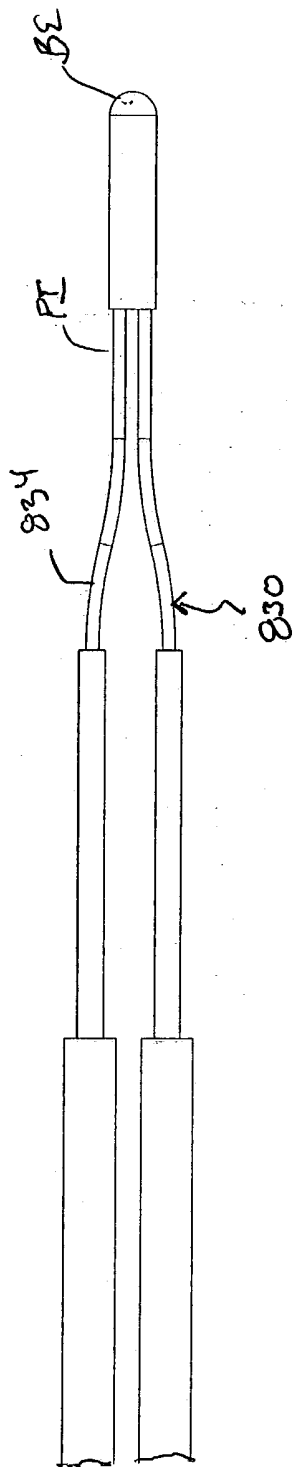


FIG. 110

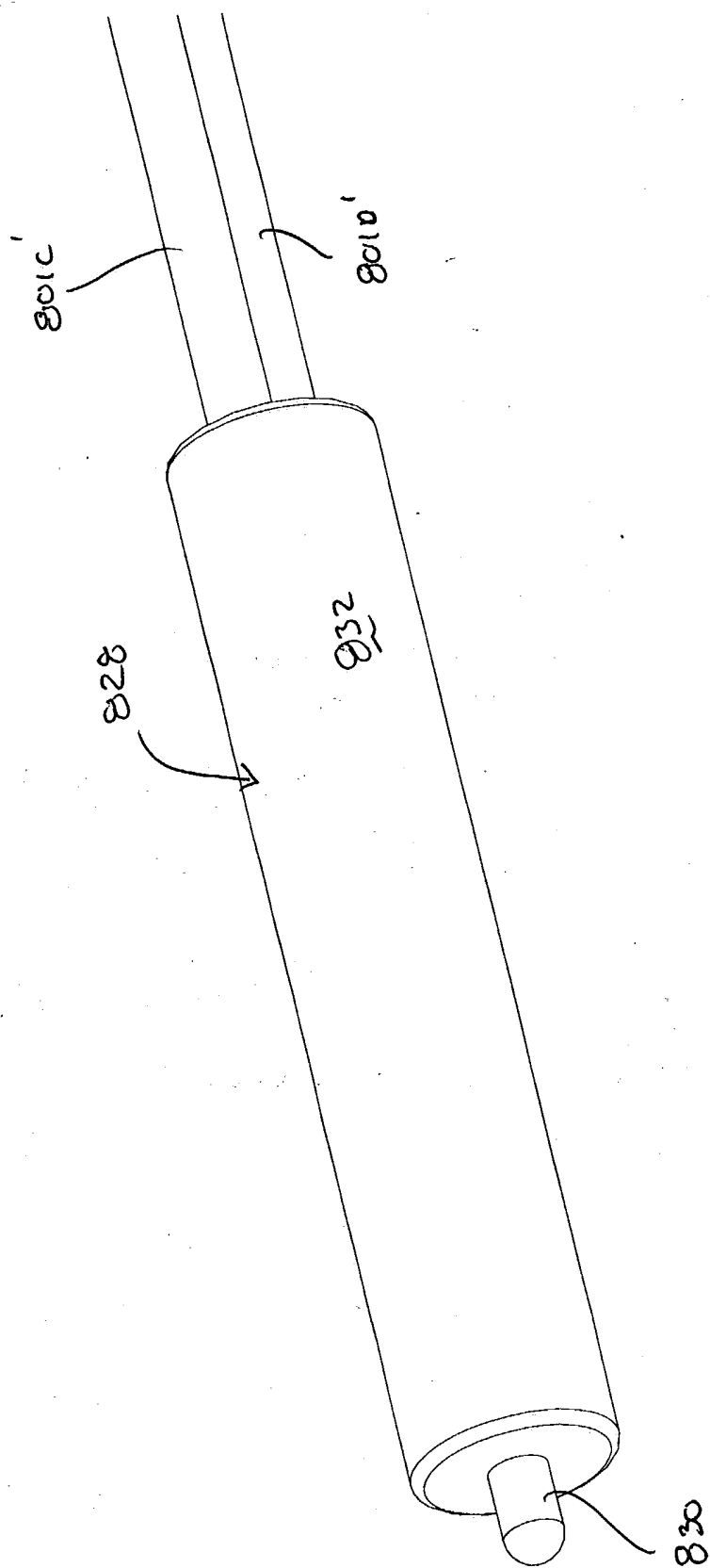


FIG. 110A

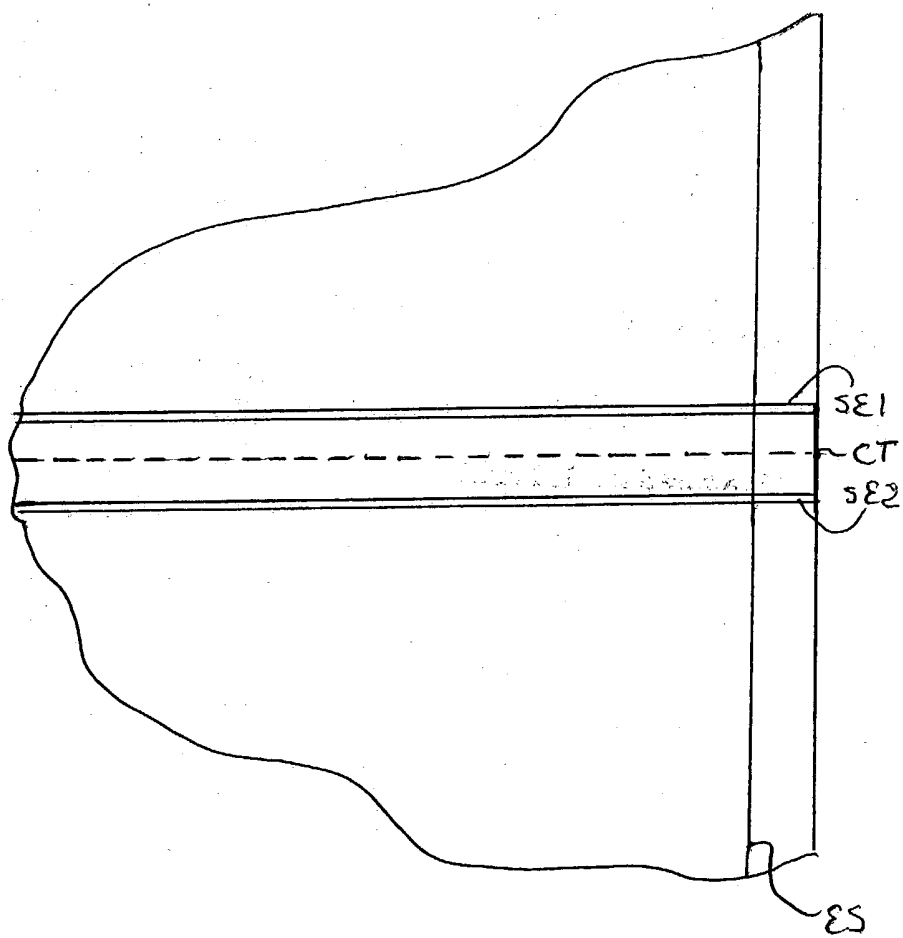


FIG. III

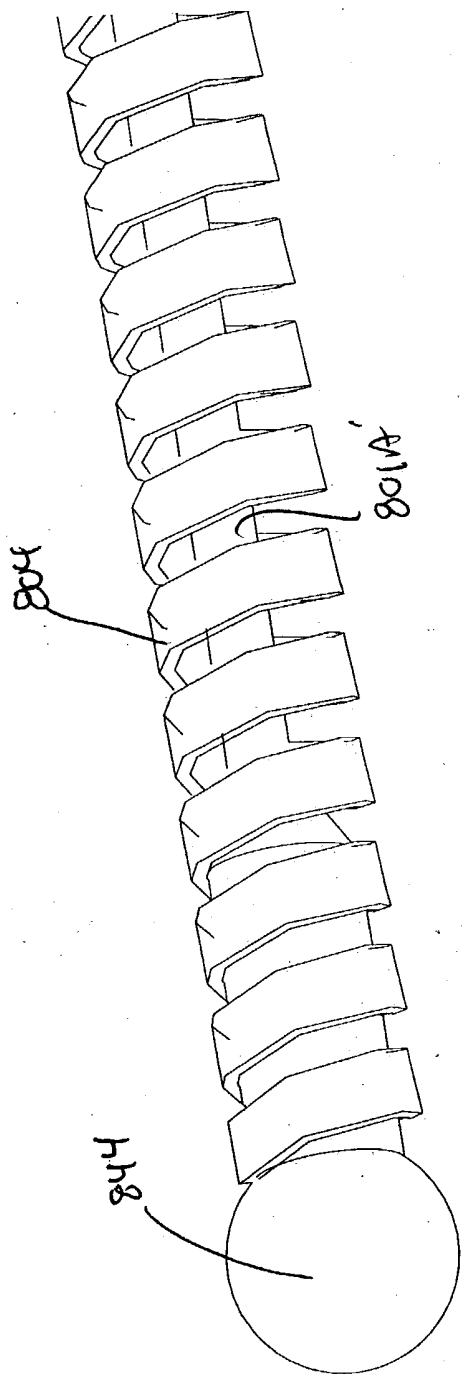


FIG. 112

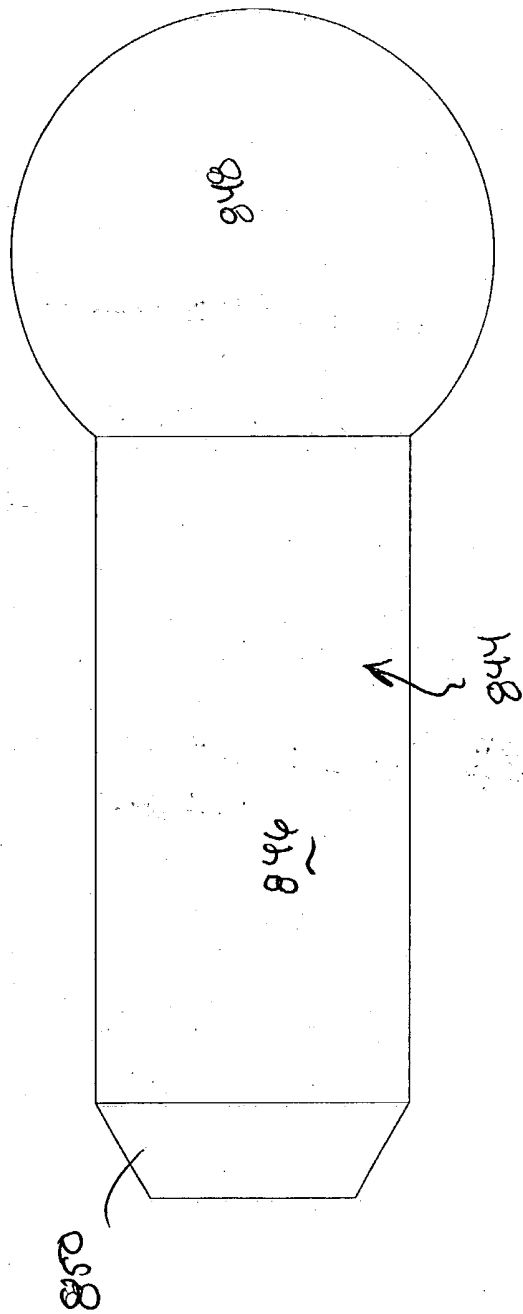


FIG. 113

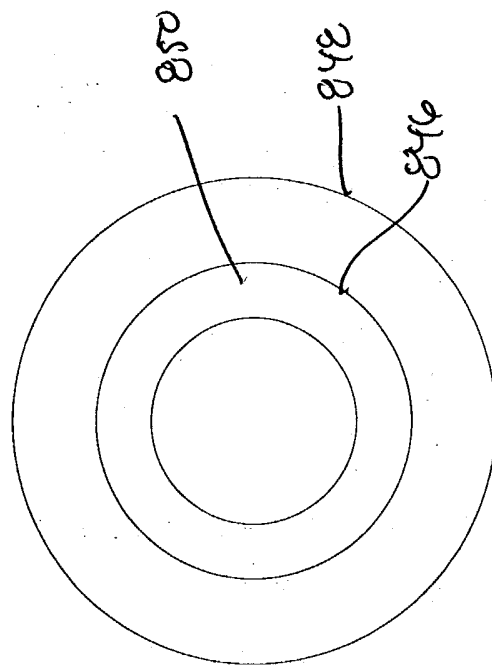


FIG. 113A

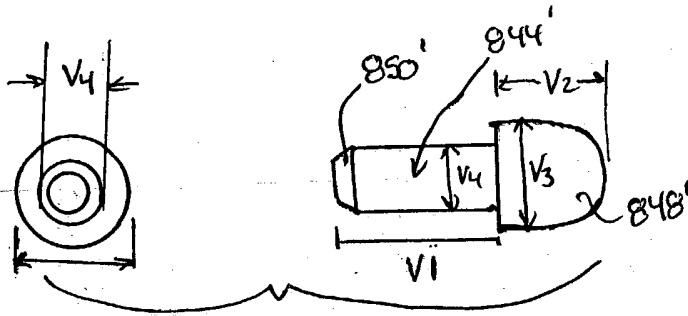


FIG. 114

FIG. 115

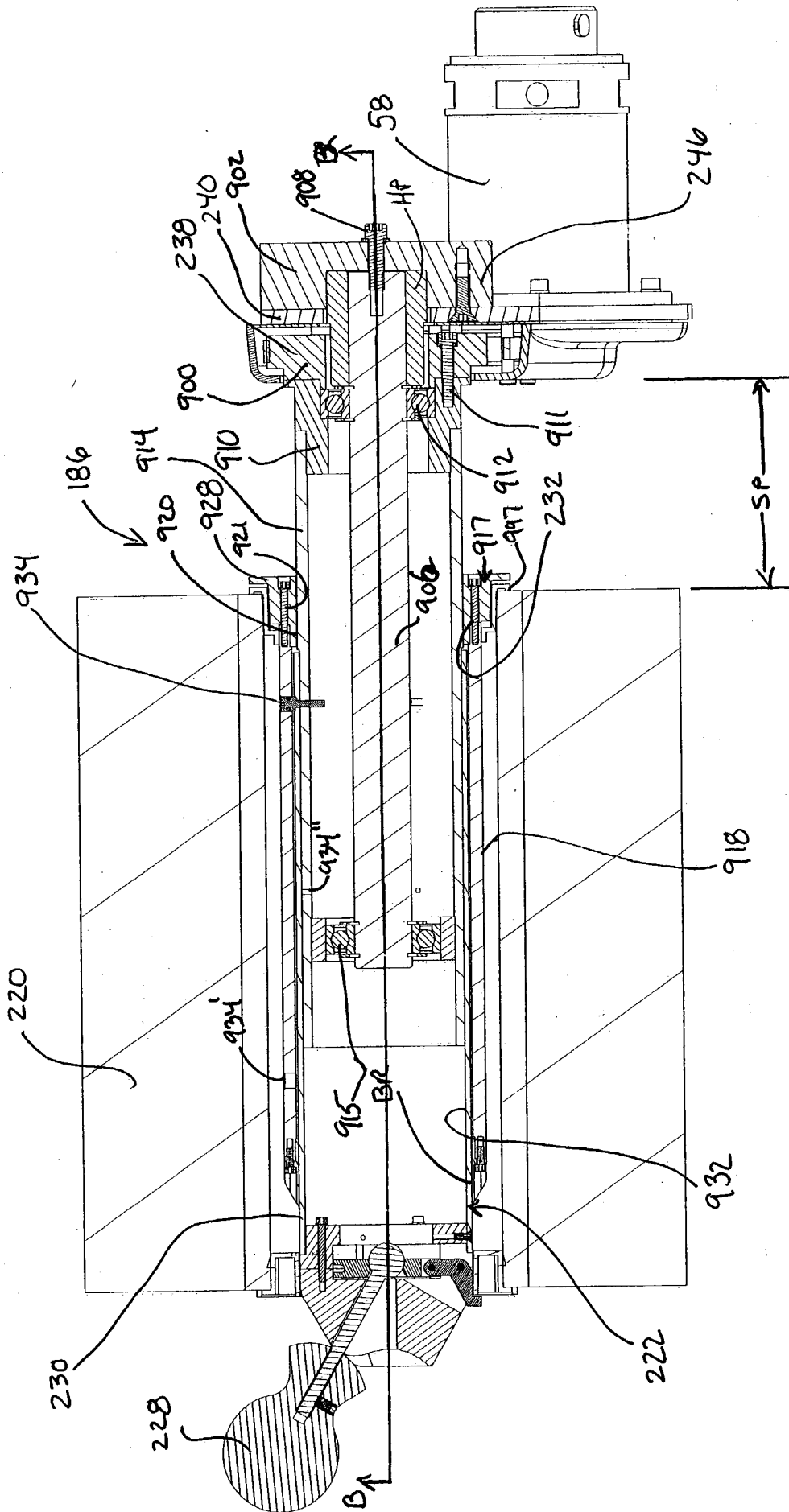
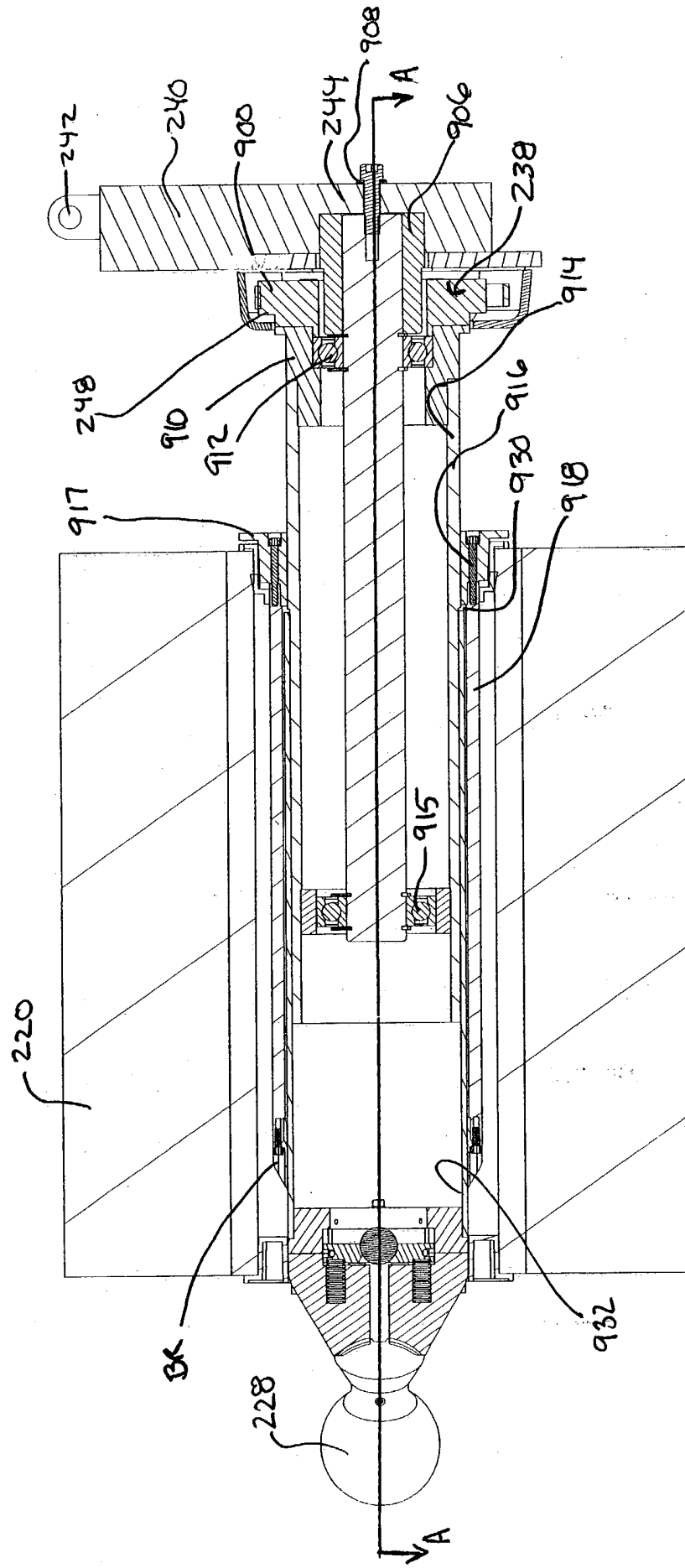


Fig. 11b



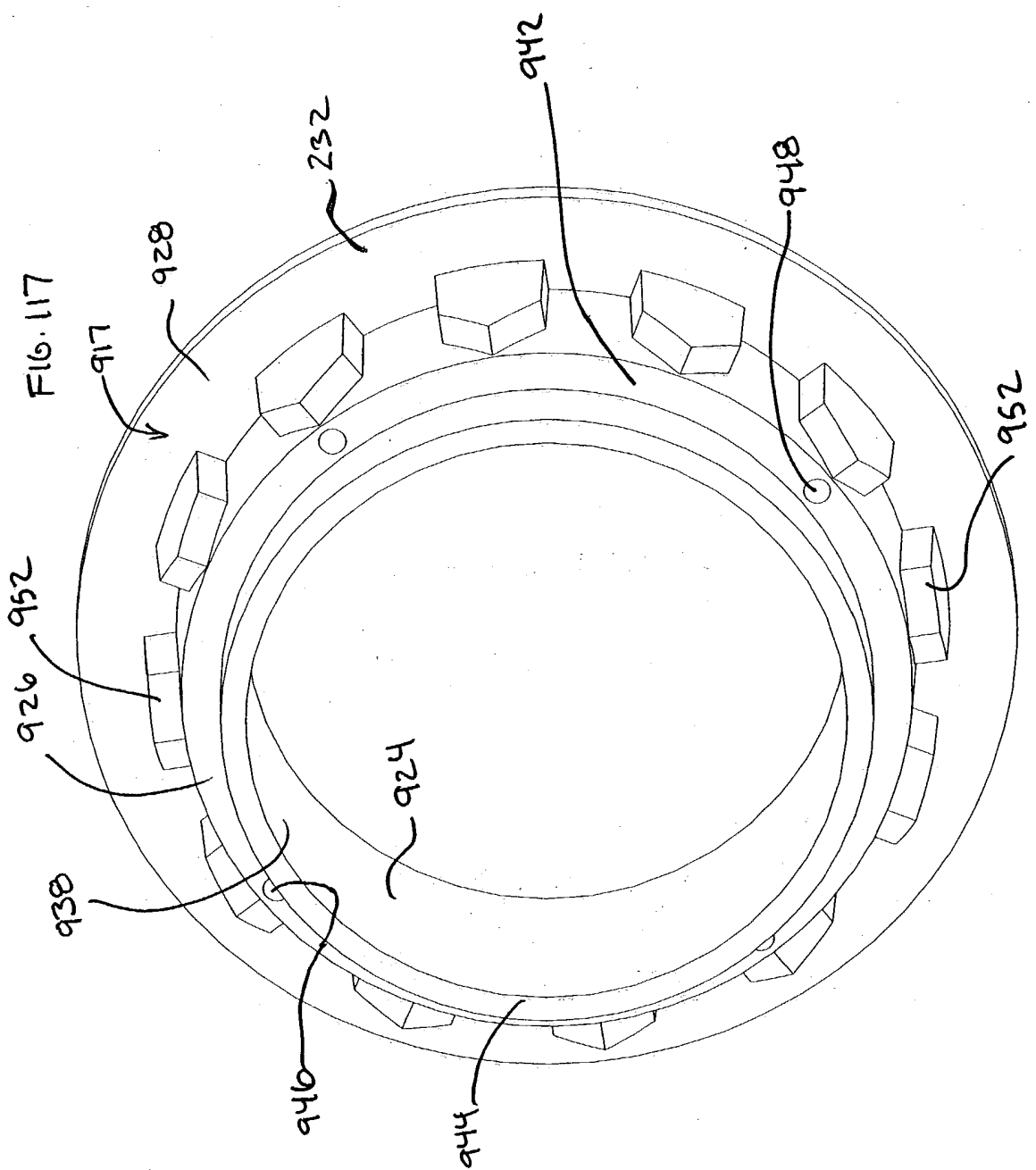


FIG. 117

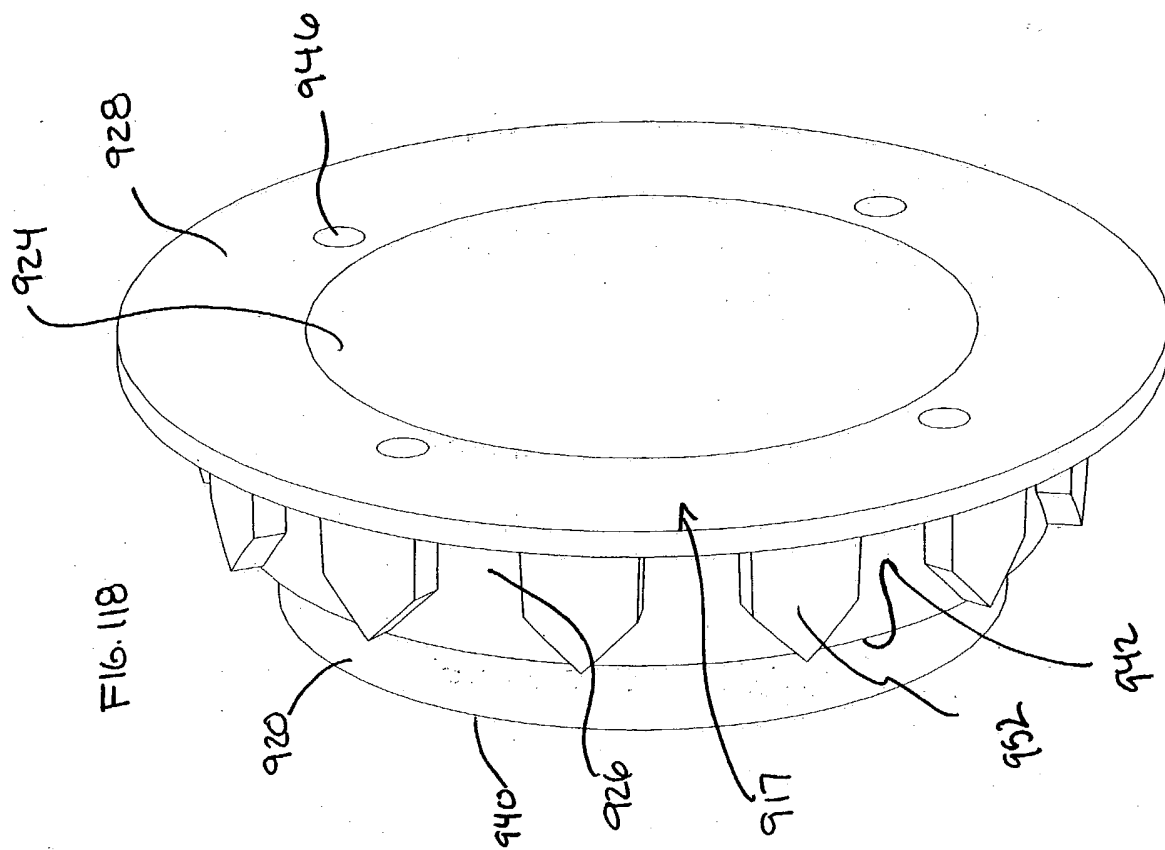
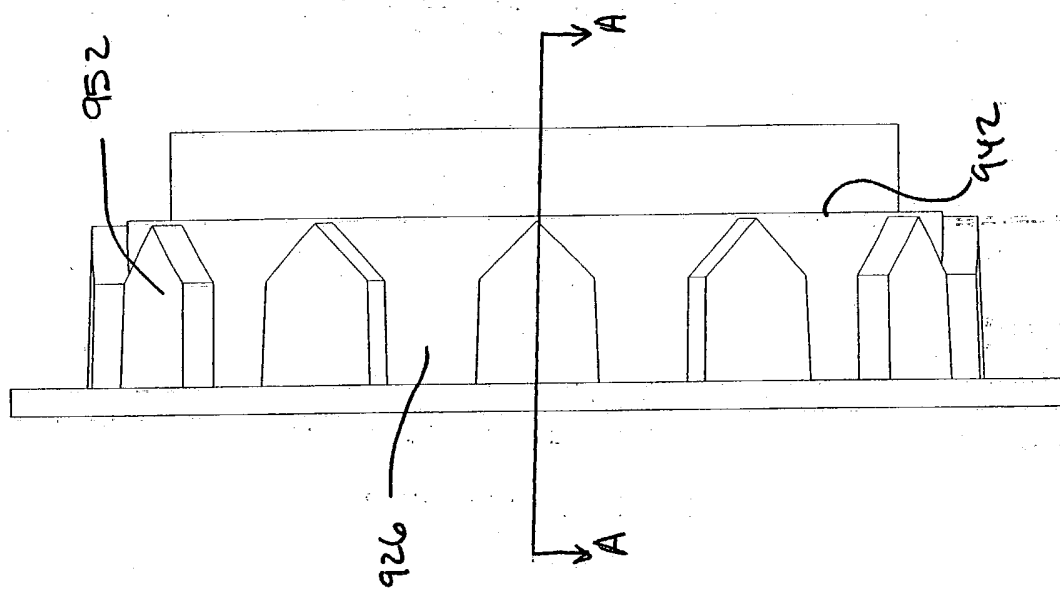
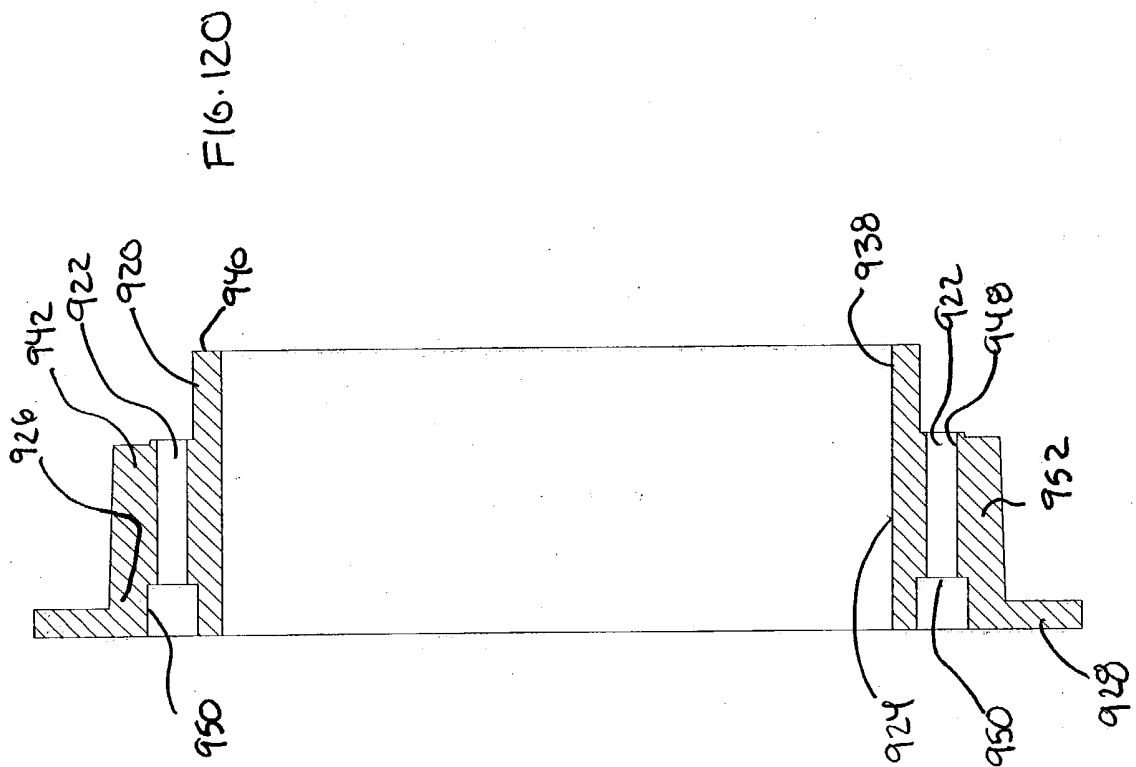


FIG. 118

FIG. 19





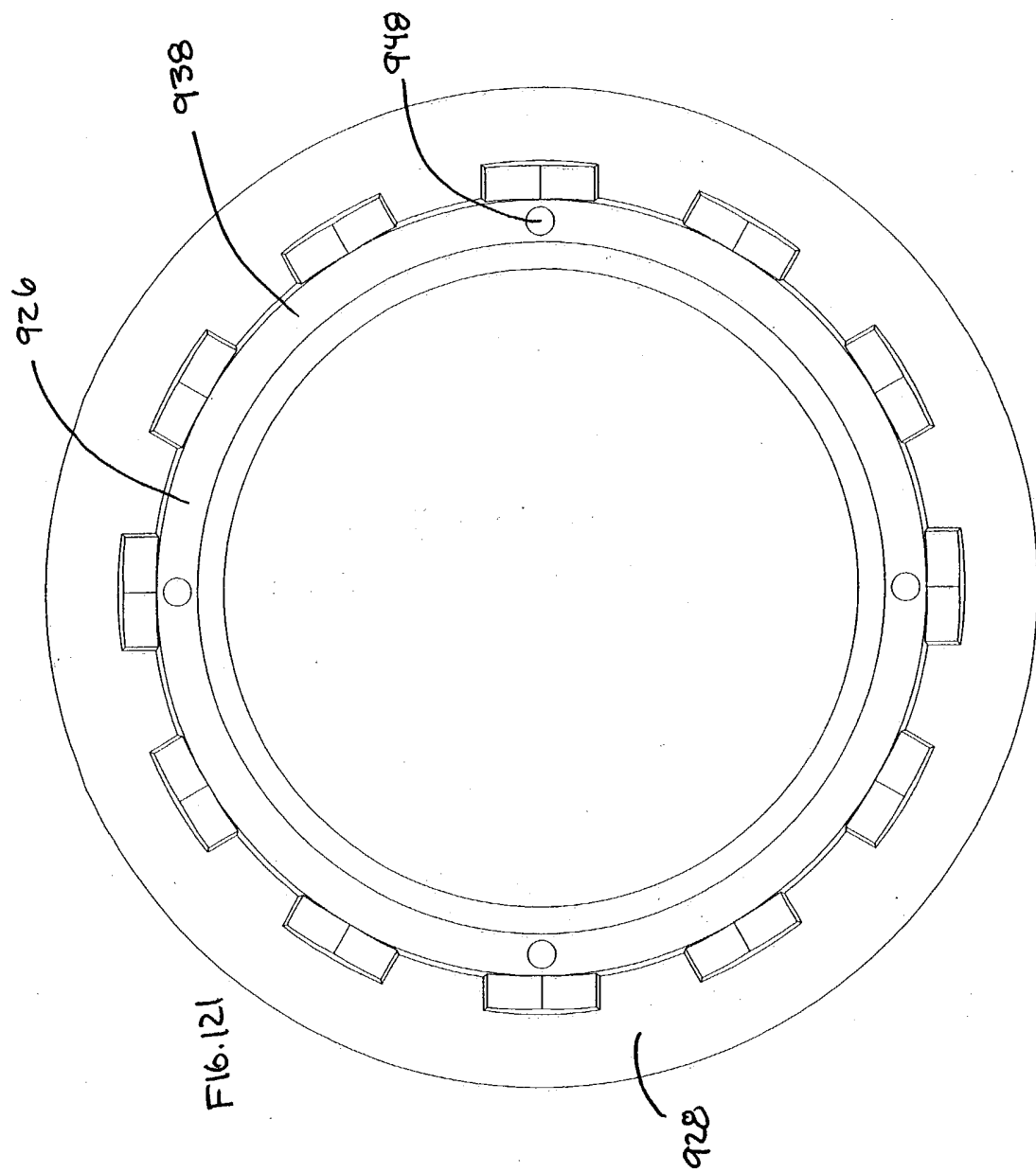


FIG. 122

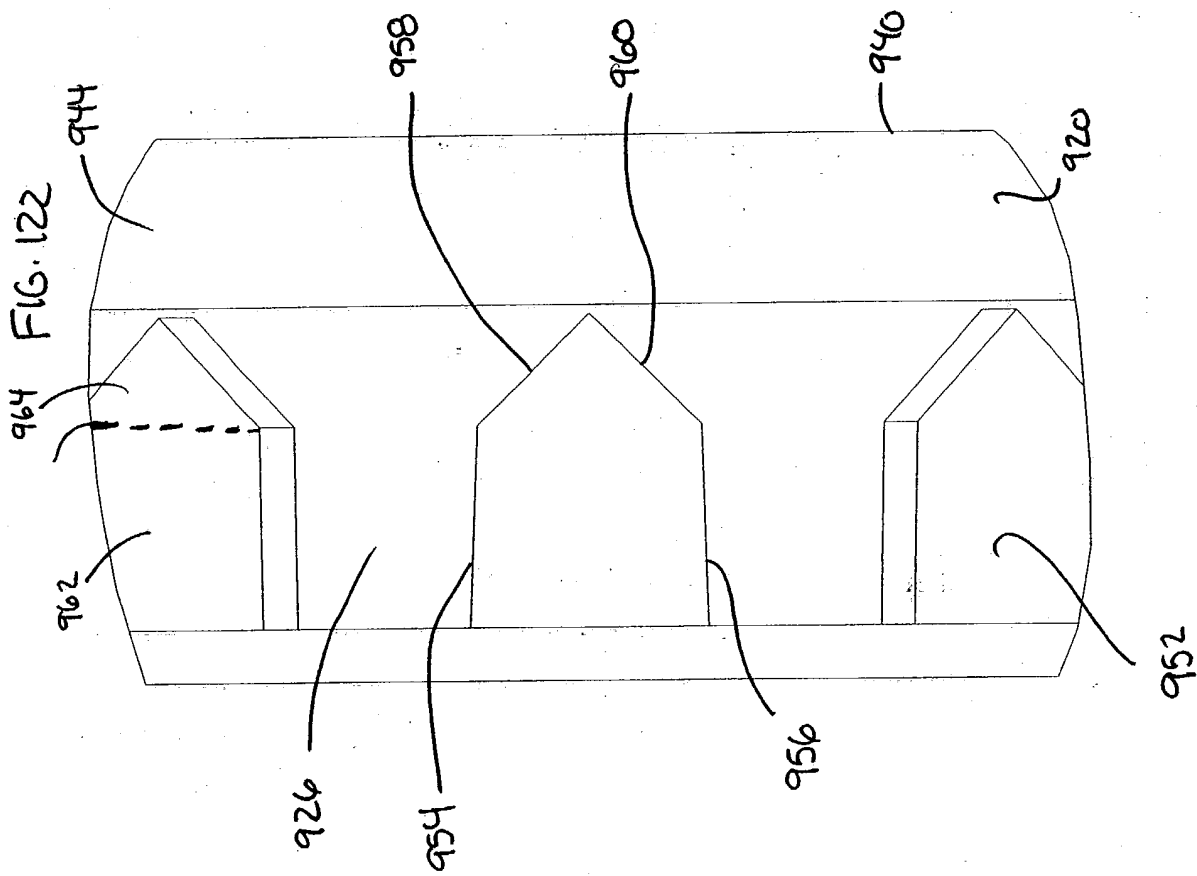
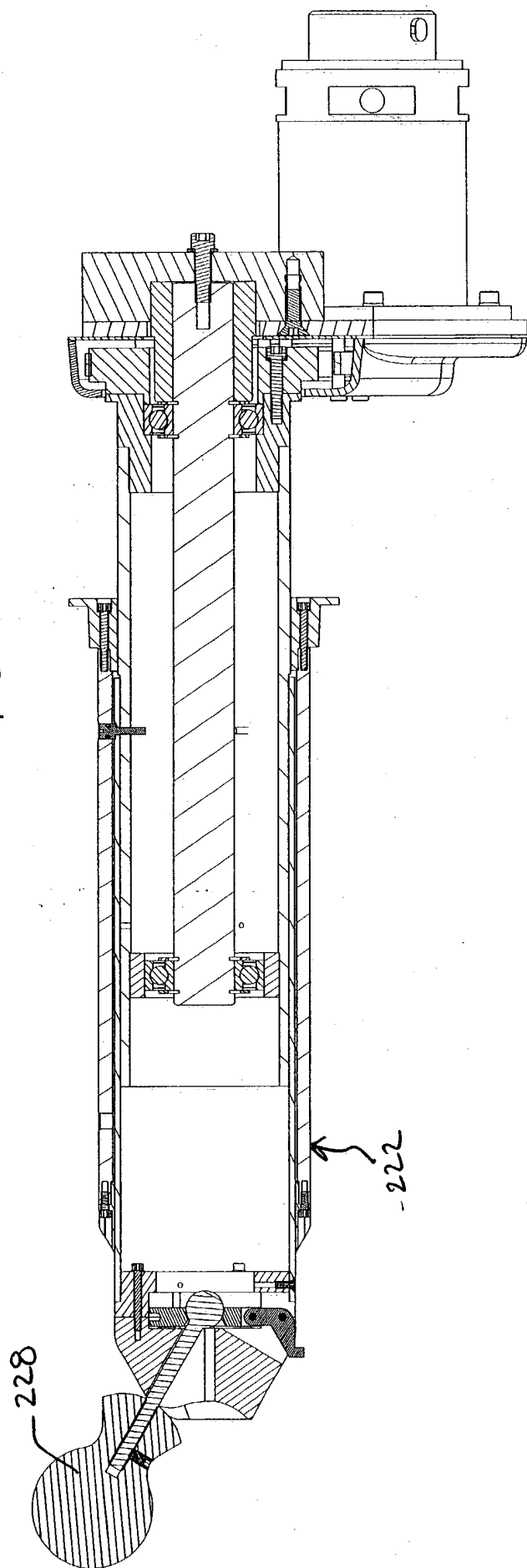


FIG. 123



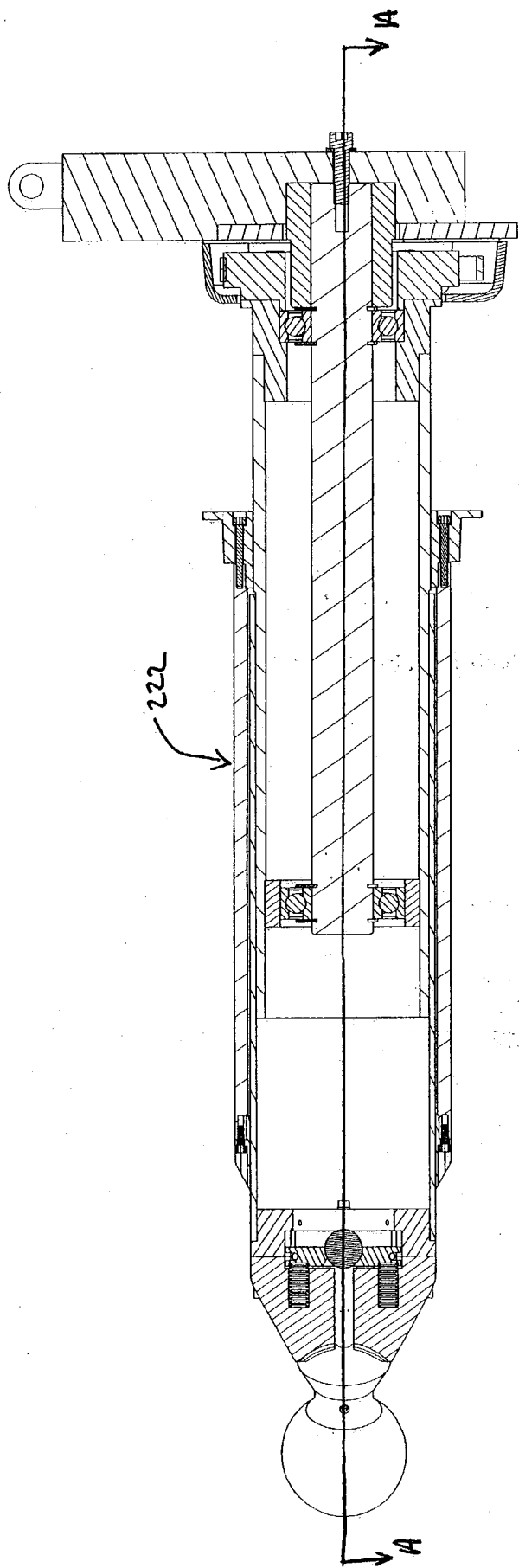


FIG. 124

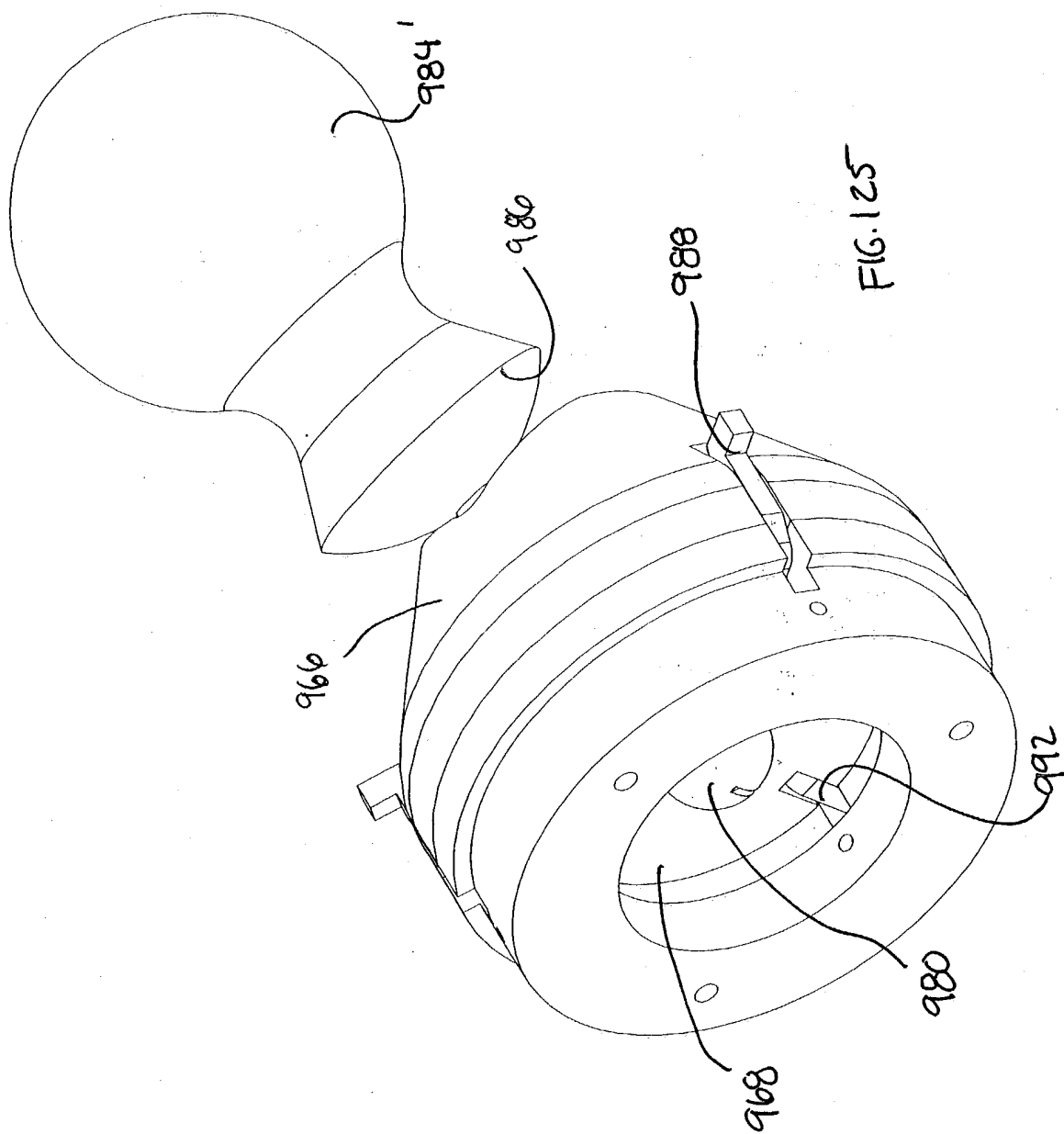


FIG. 125

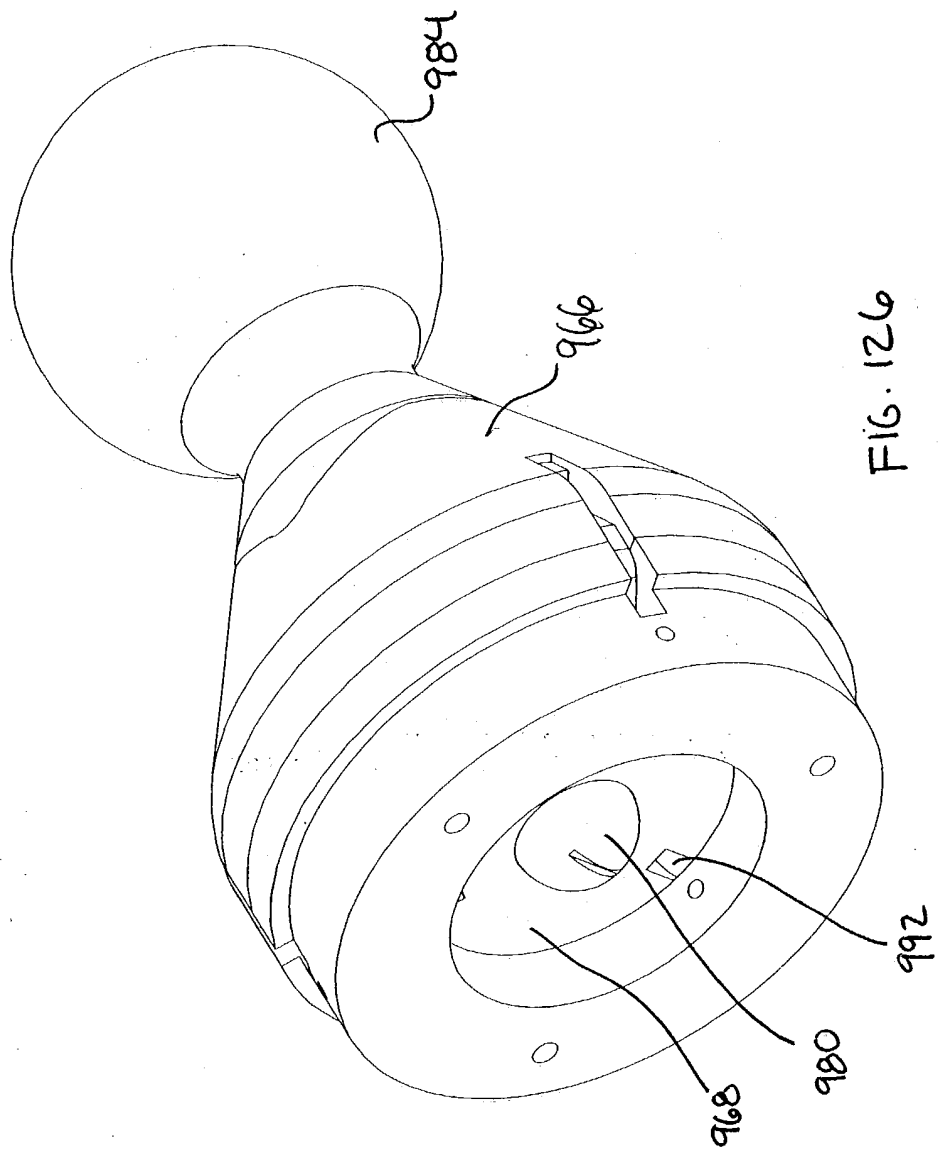


FIG. 126

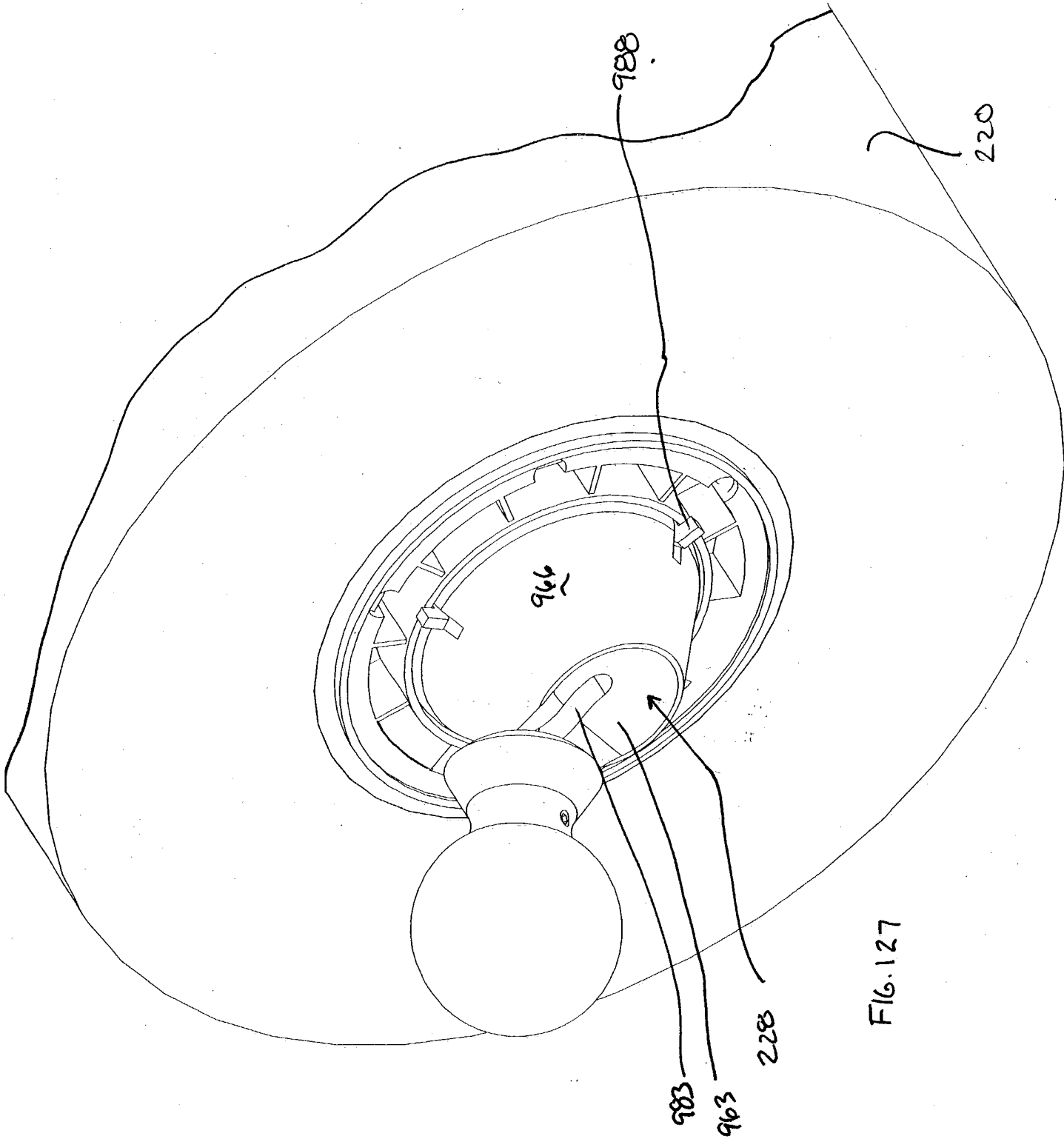
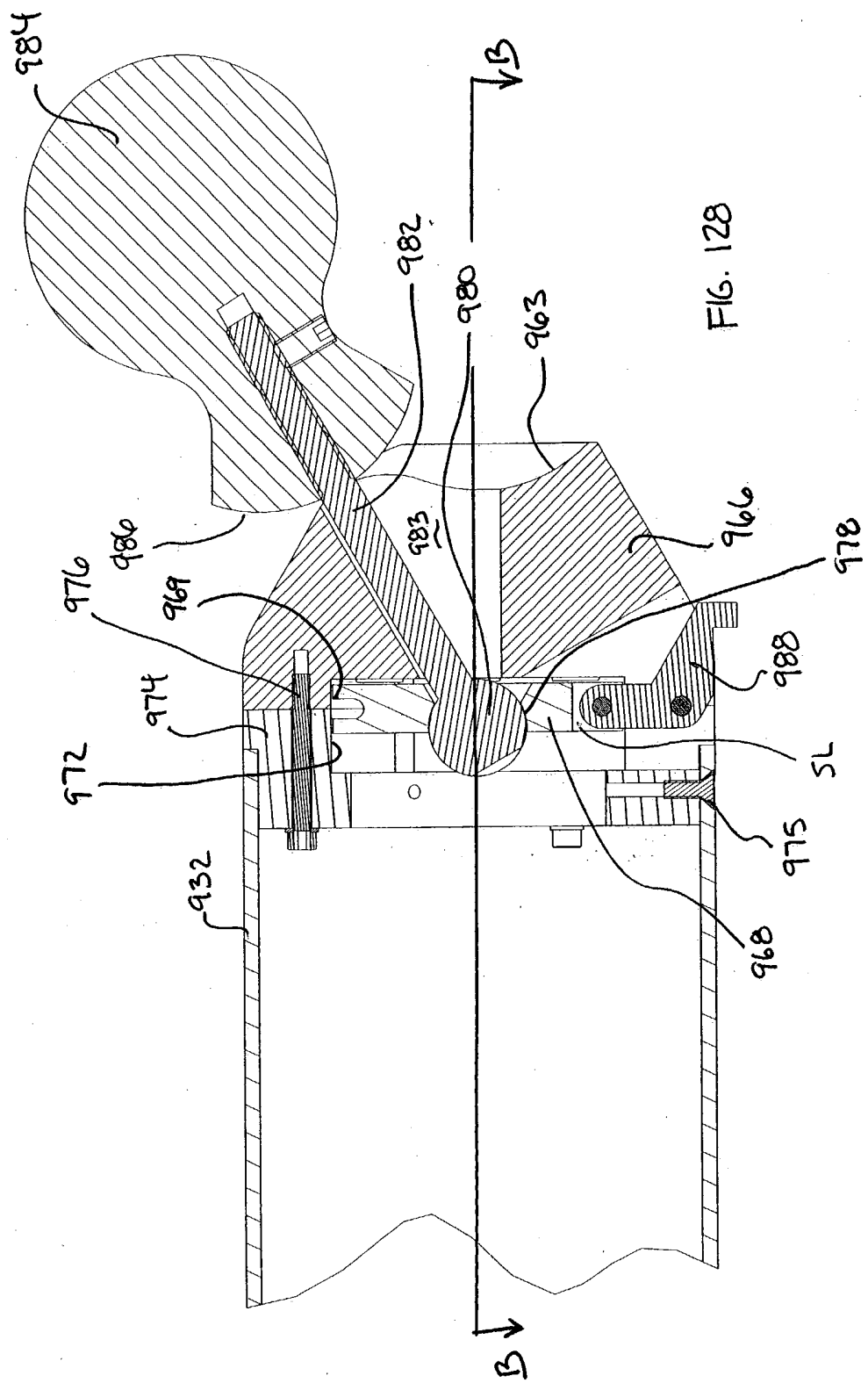
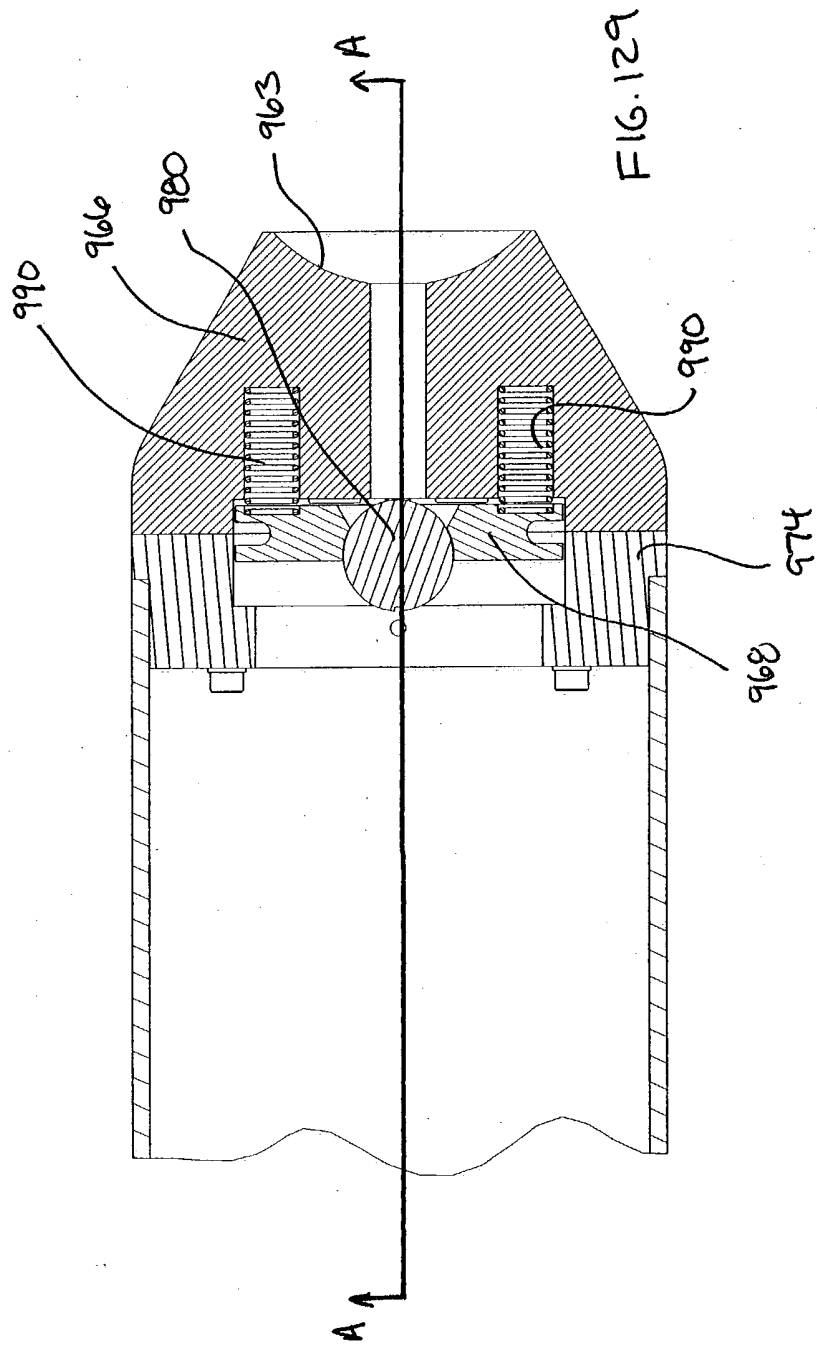


FIG. 127





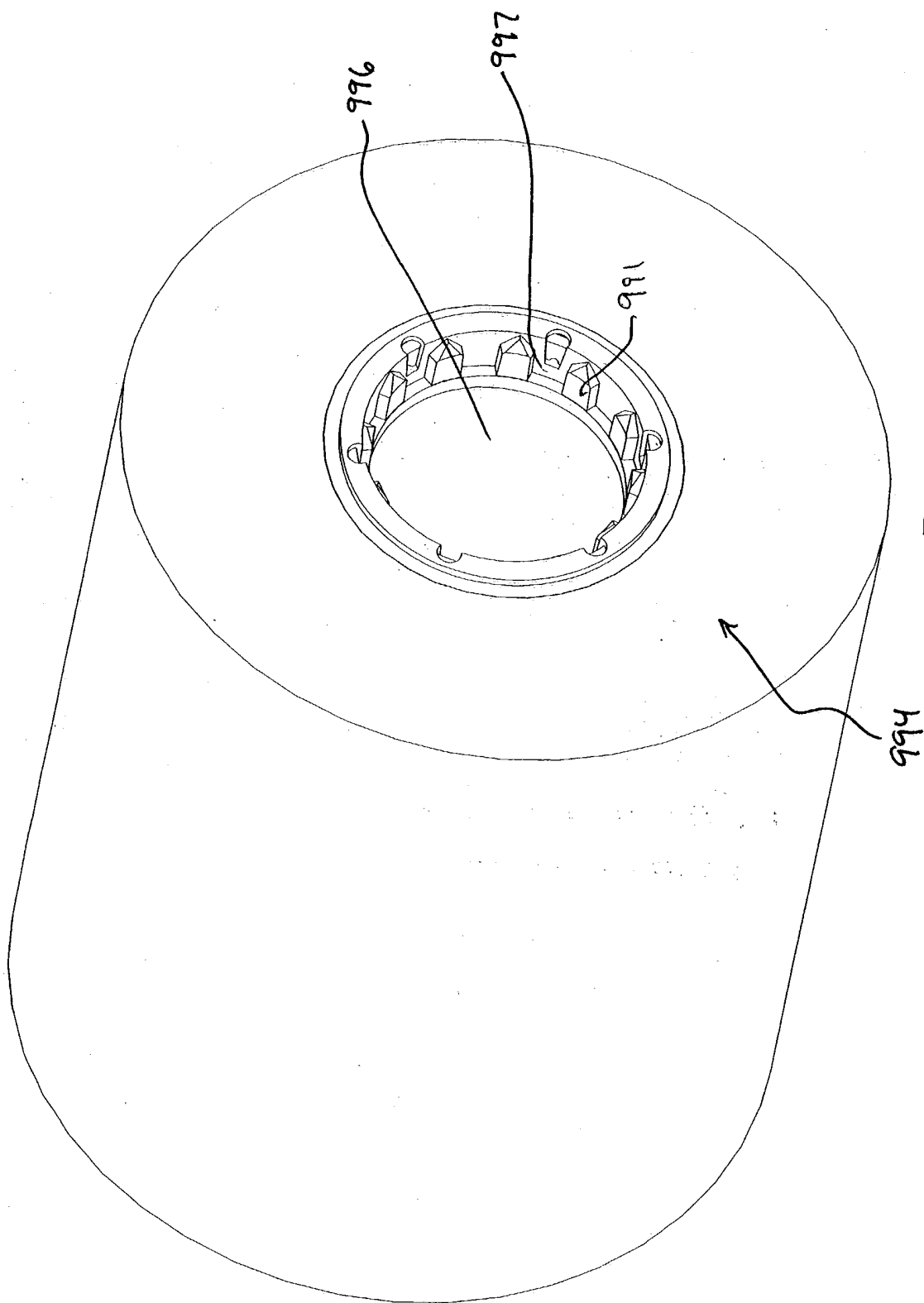


FIG. 130

FIG. 131

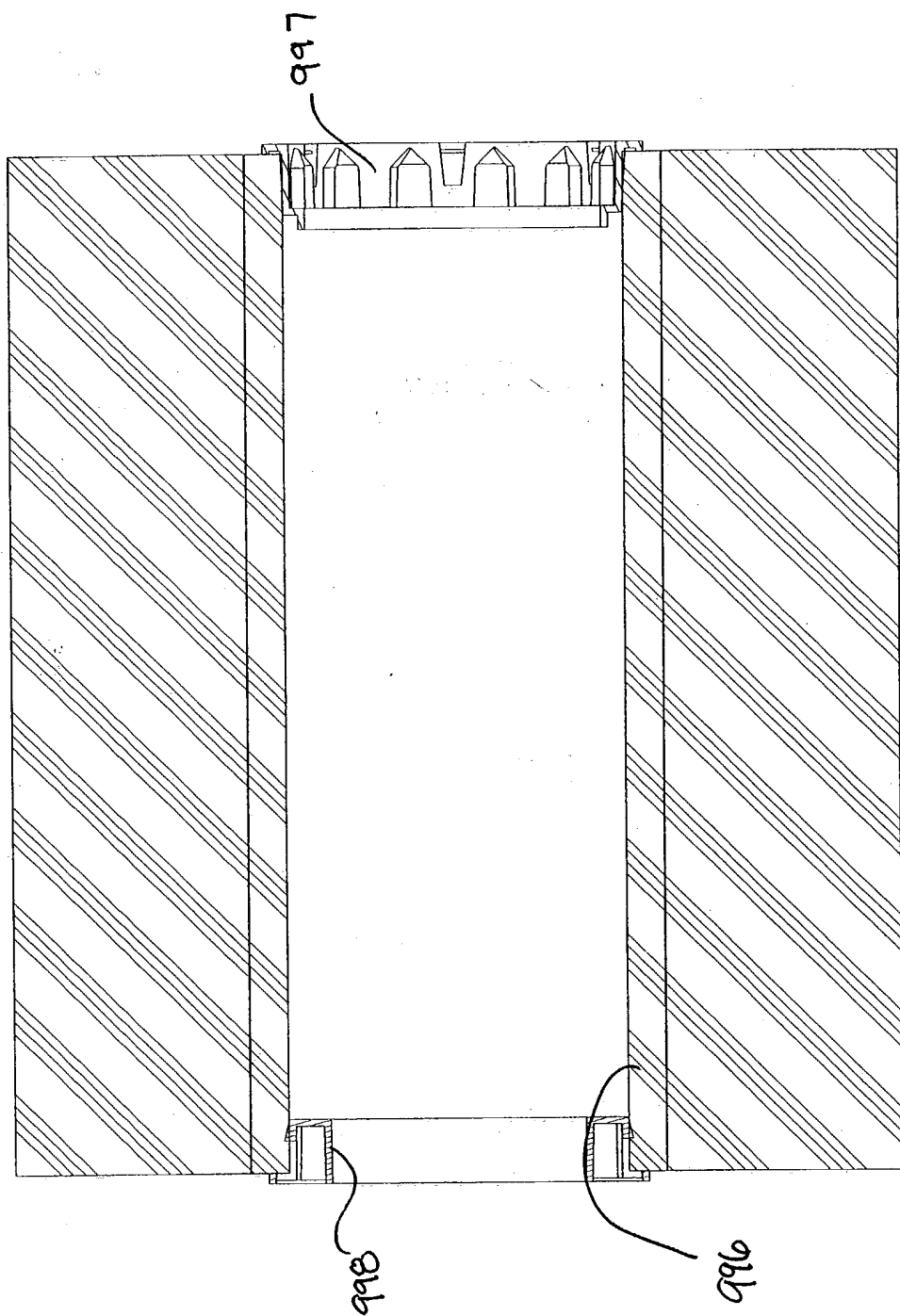
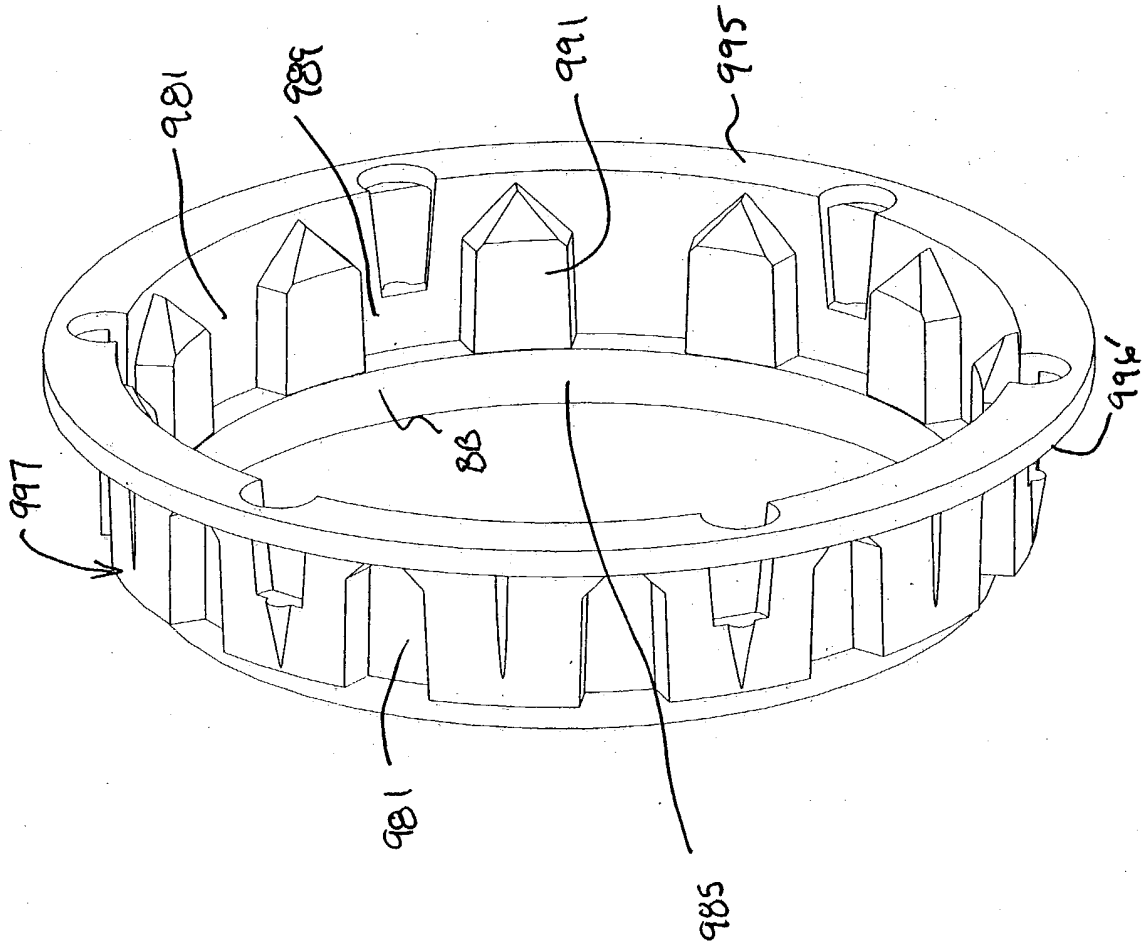


FIG. 132



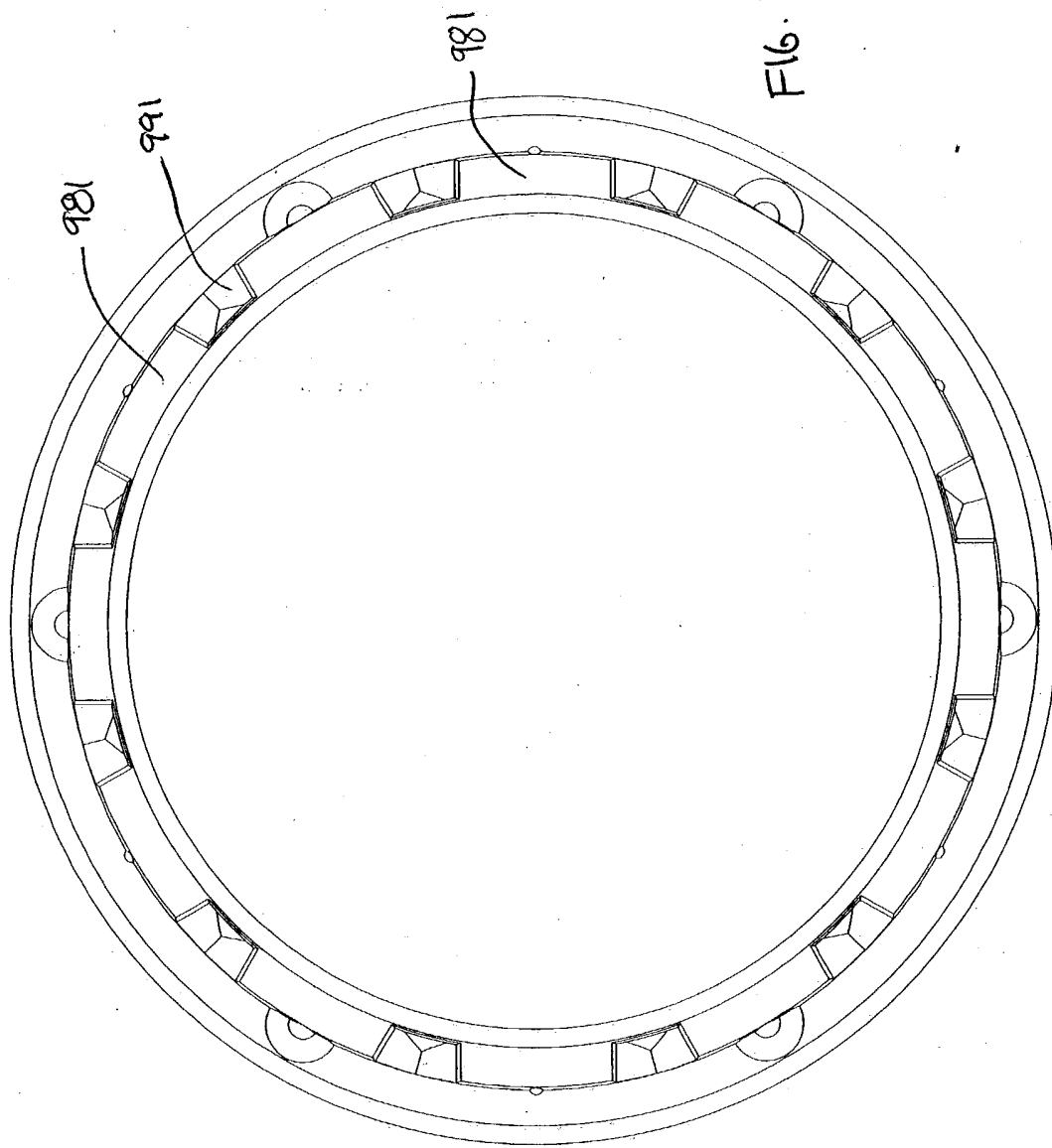
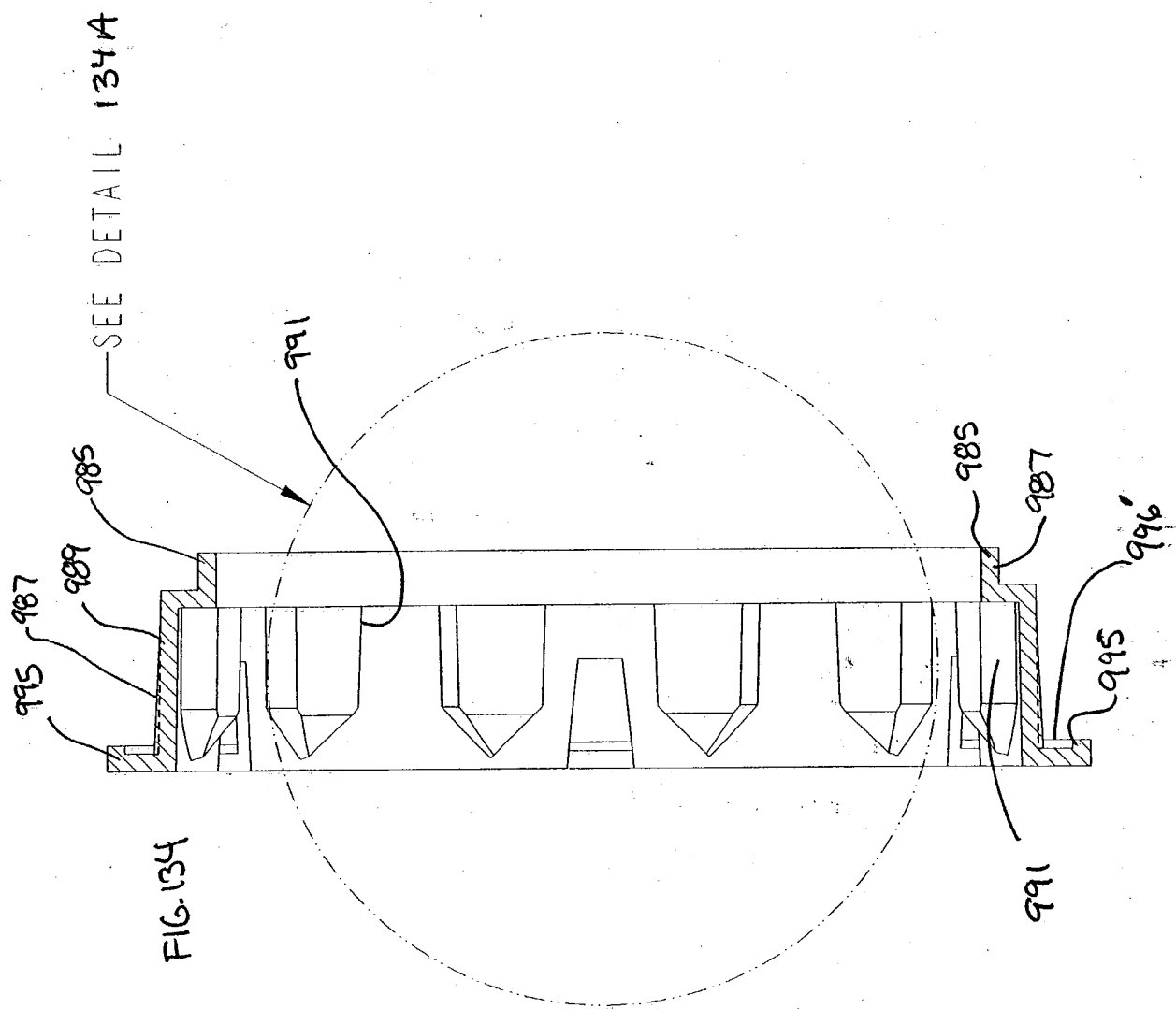


FIG. 133



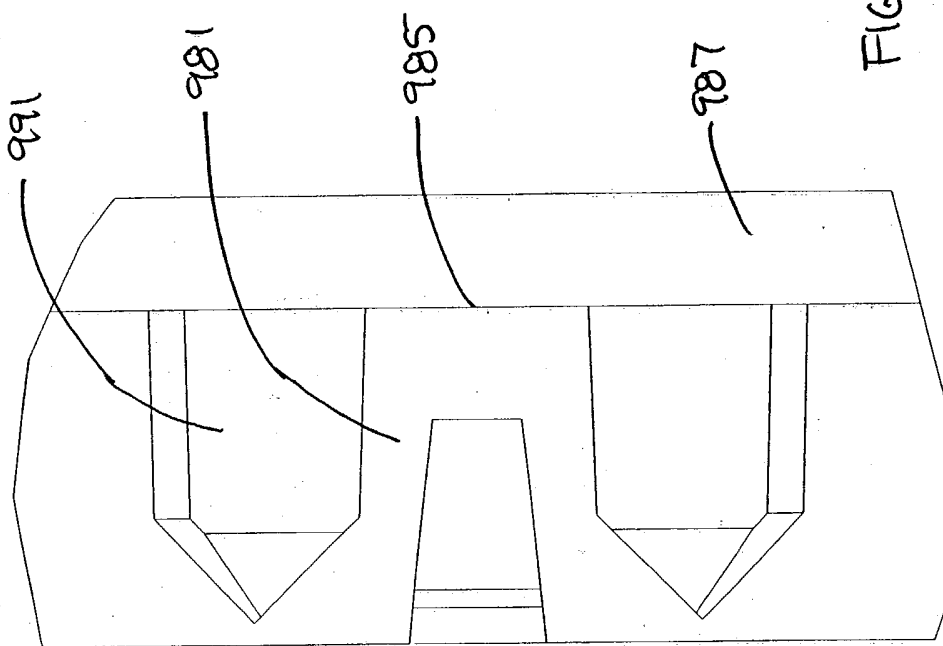
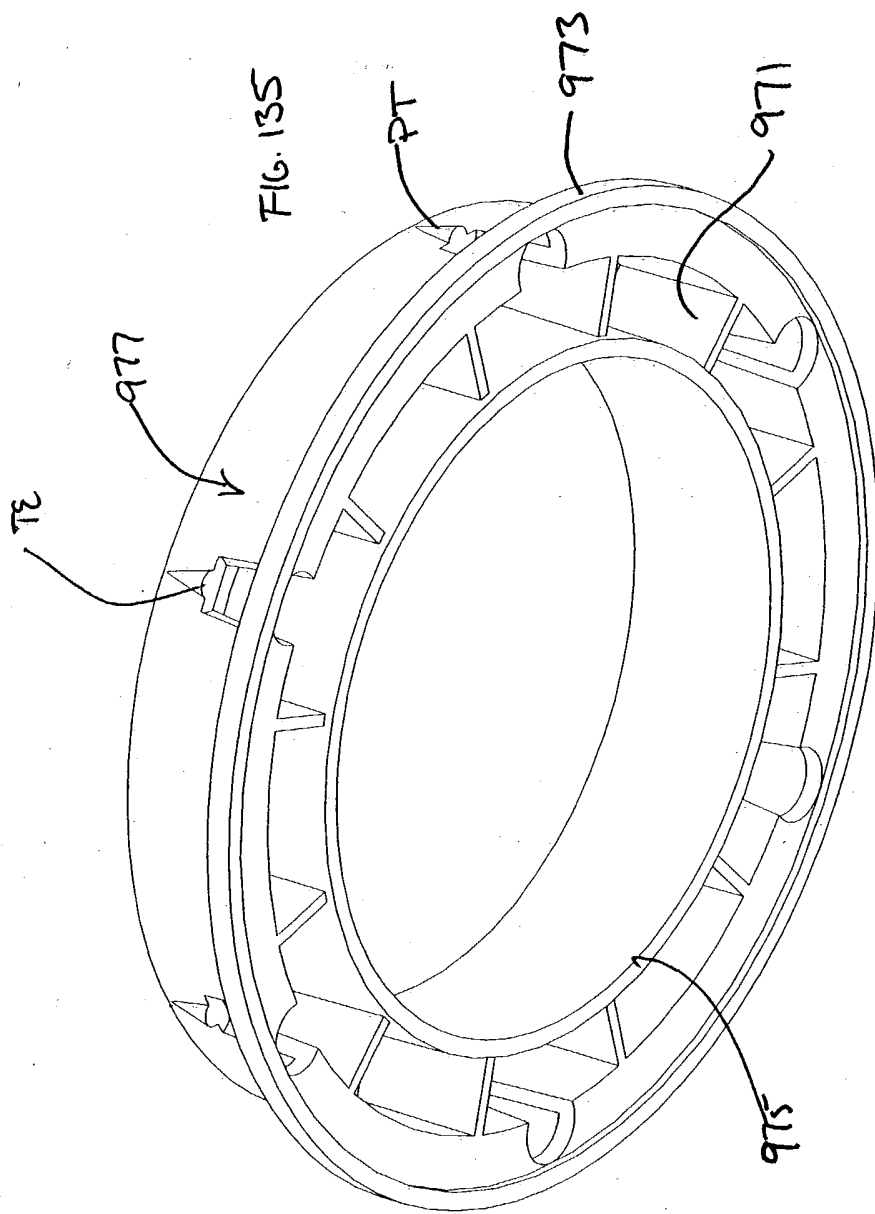


FIG. 134A



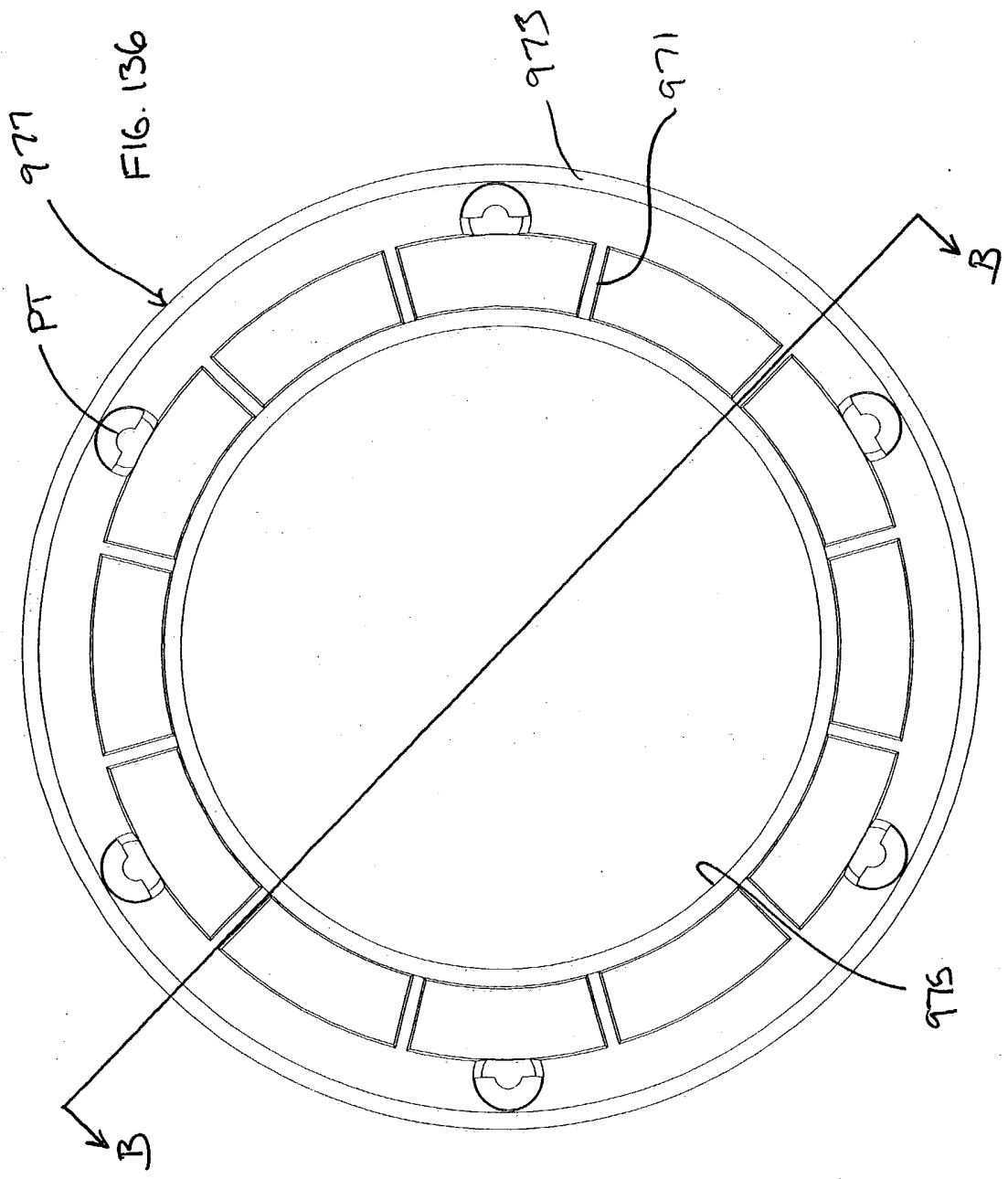


FIG. 137

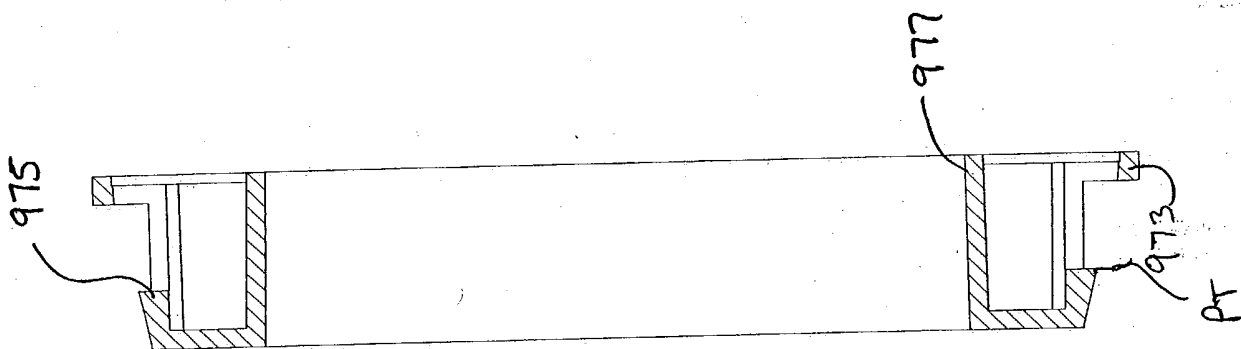
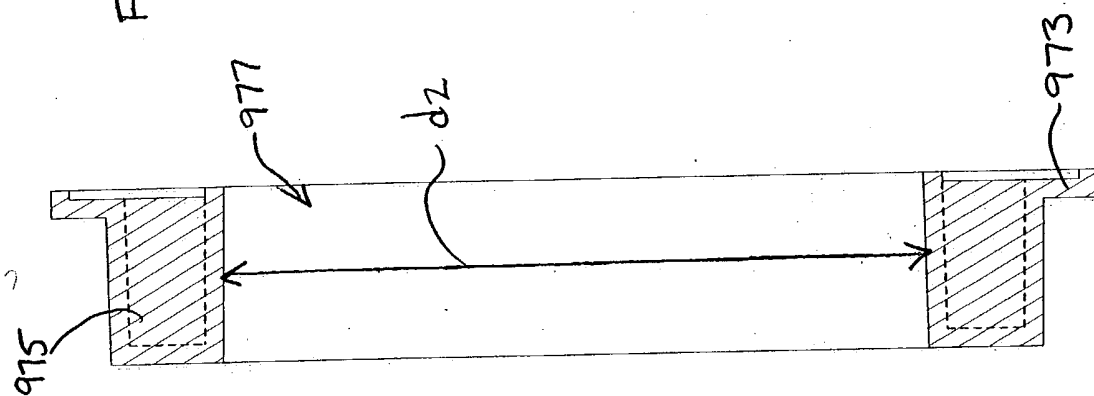
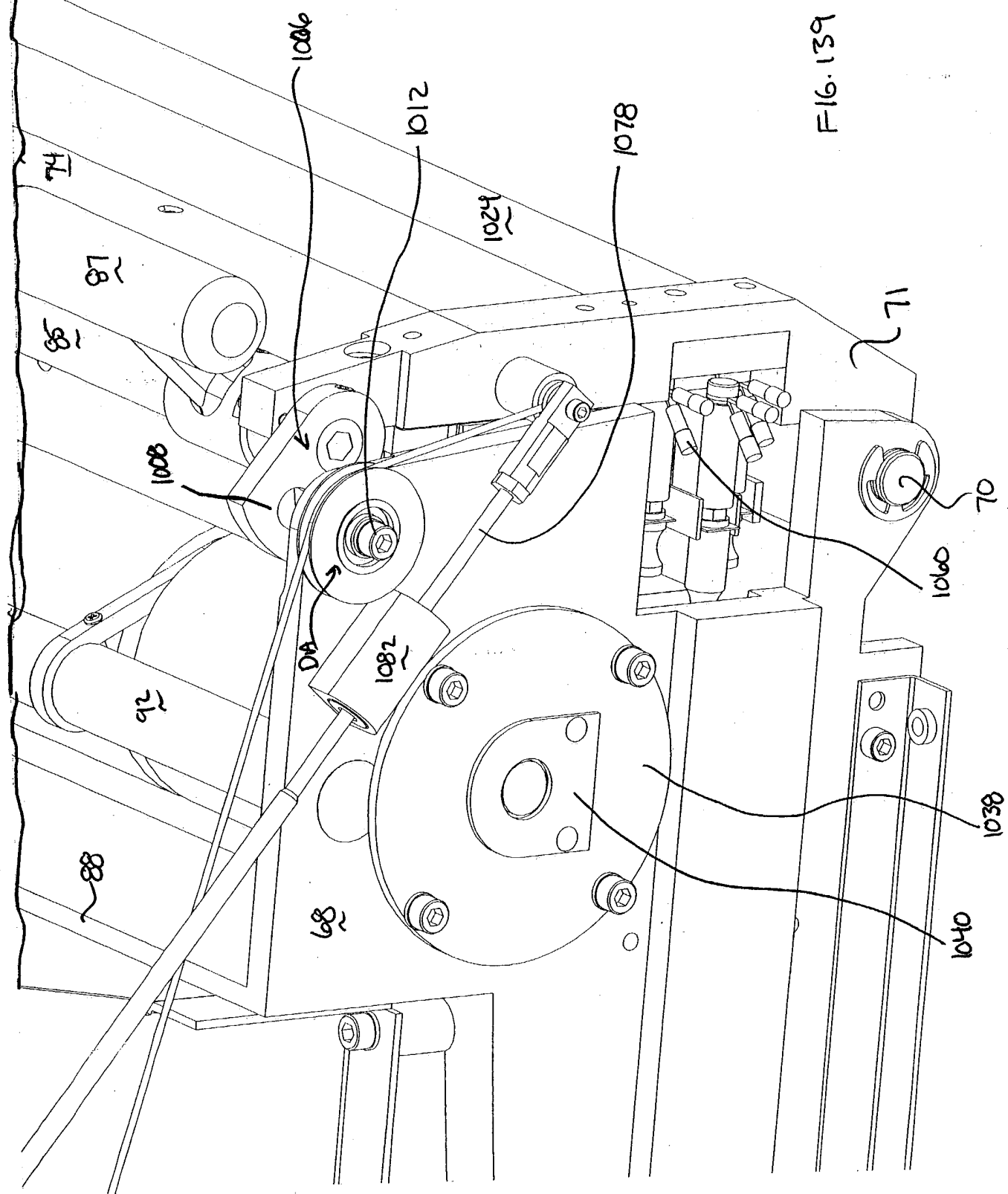
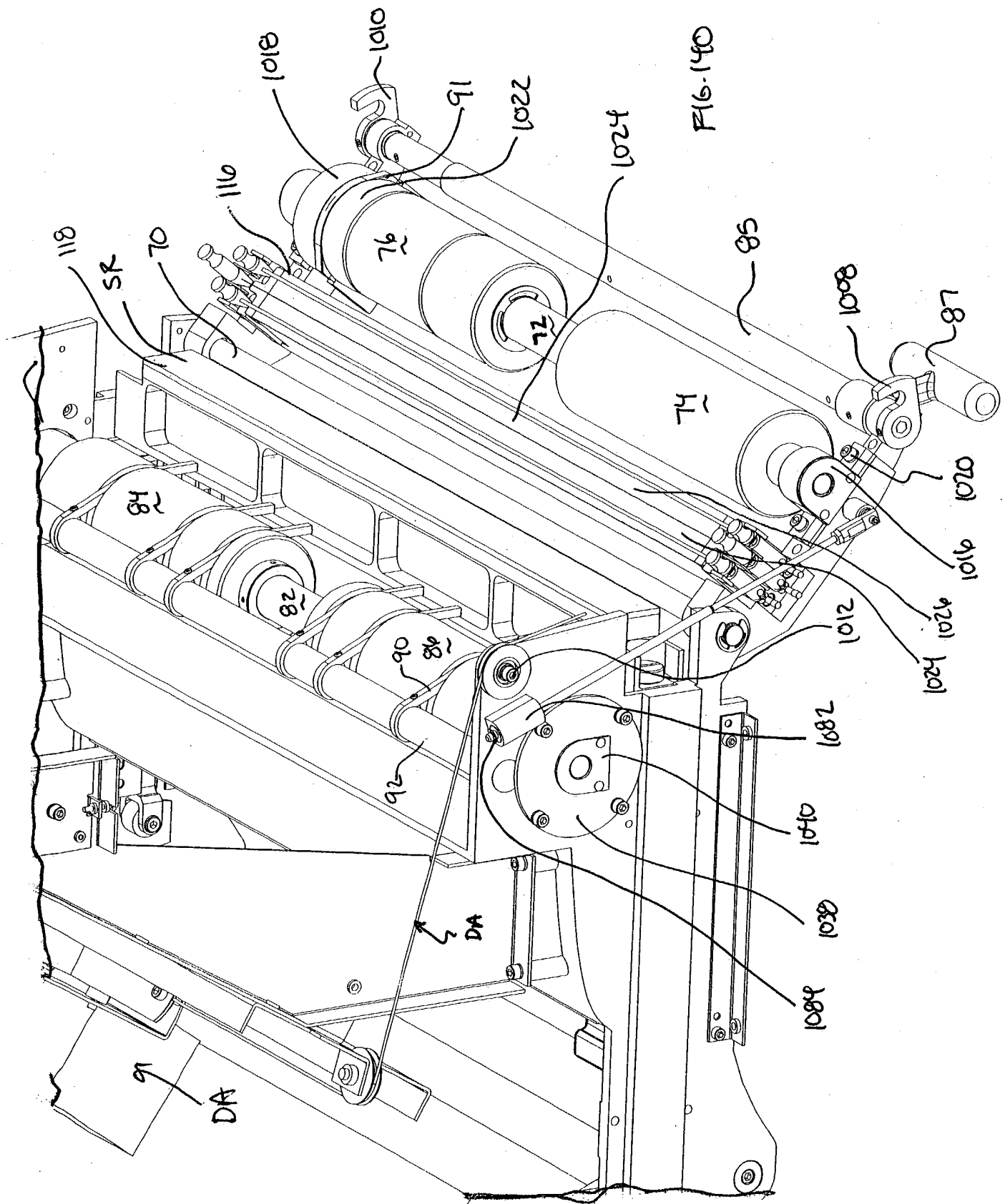


FIG. 138





F16.139



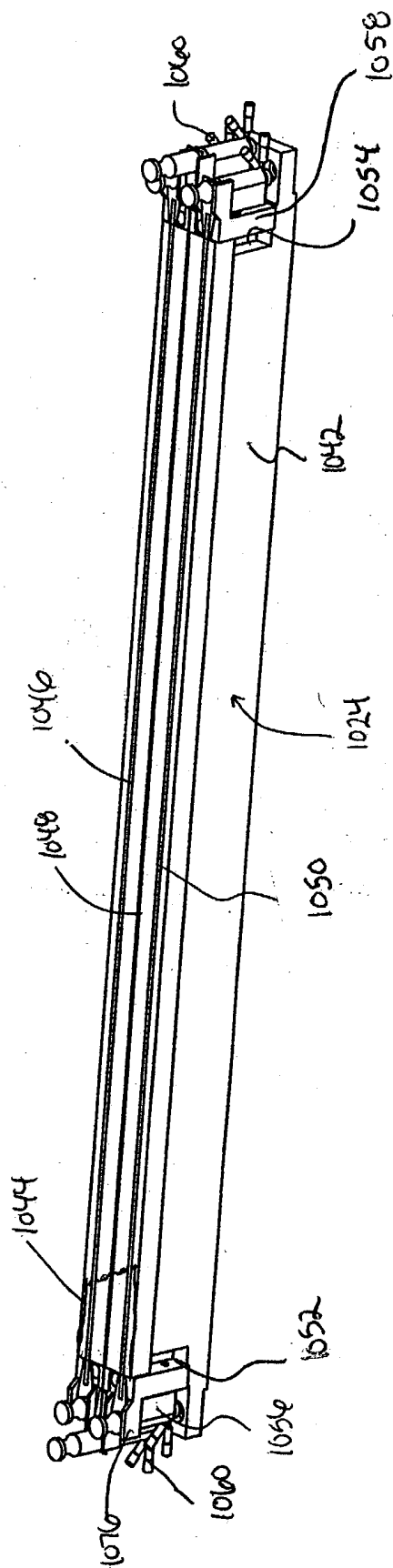


FIG. 141

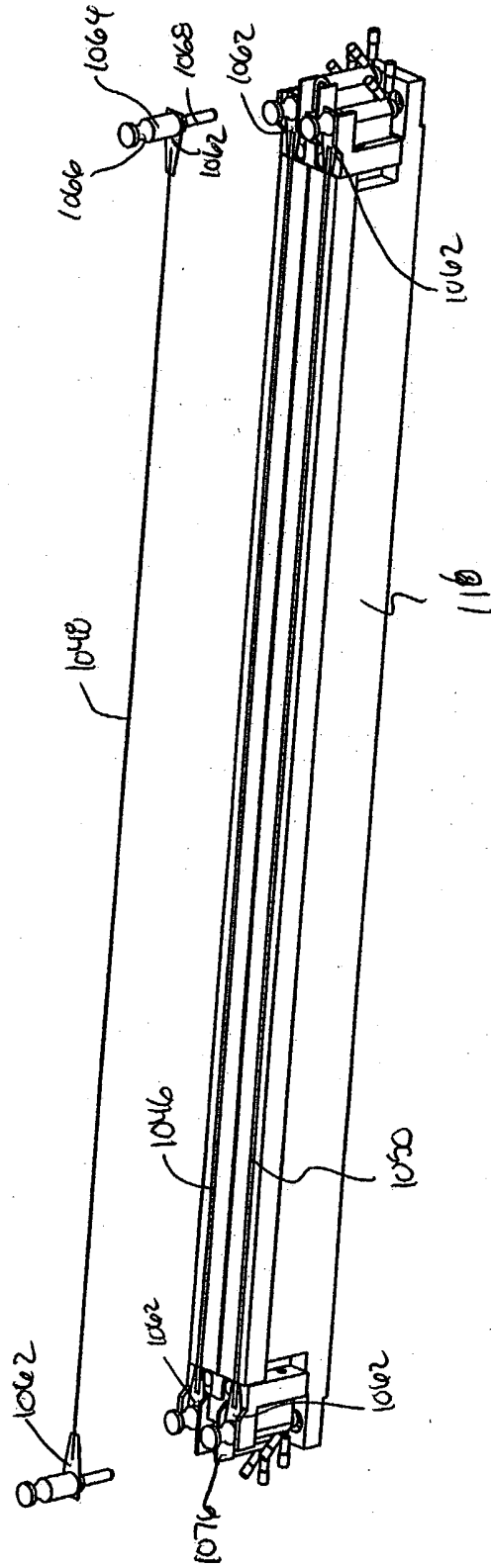
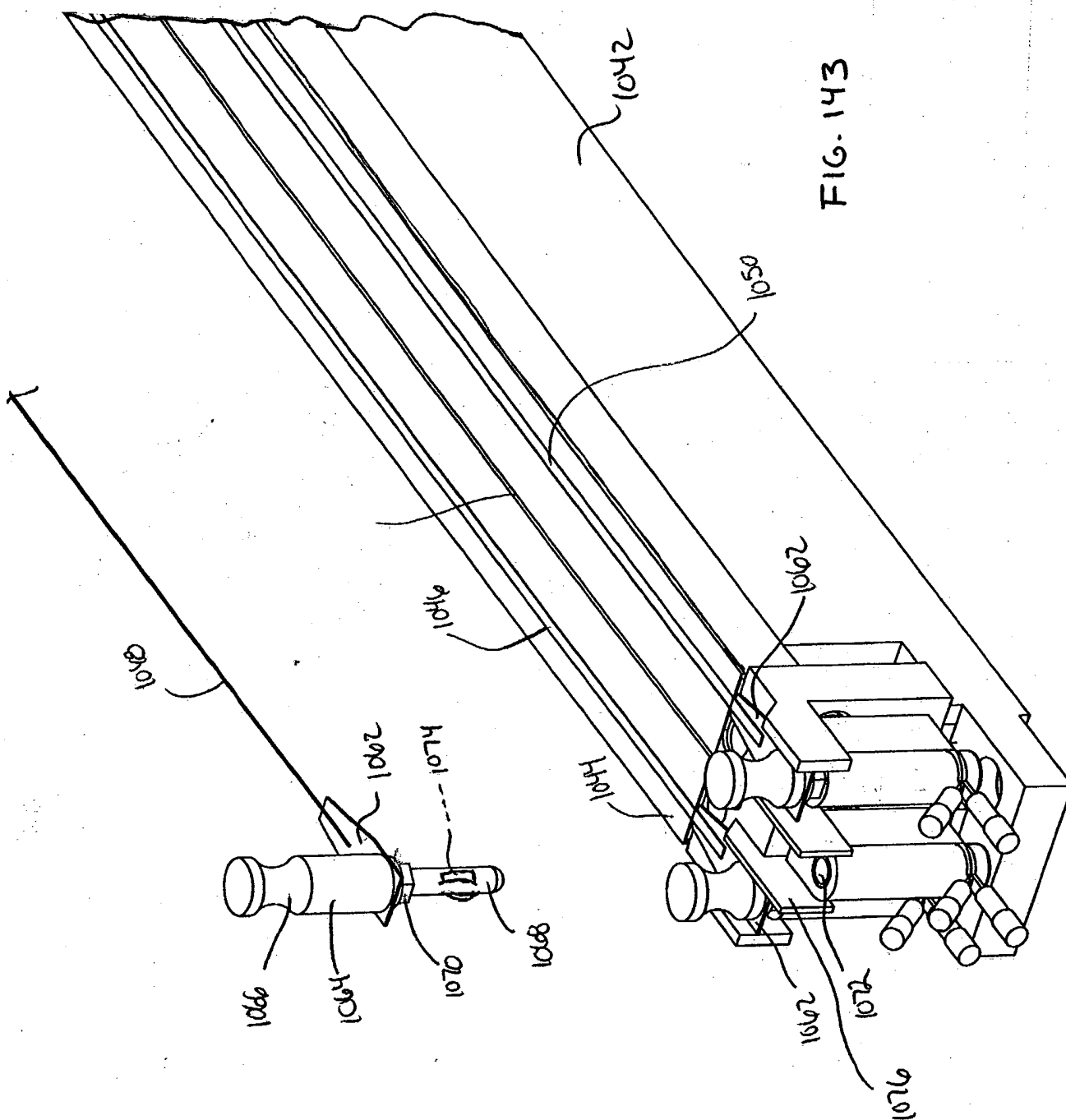


FIG 142



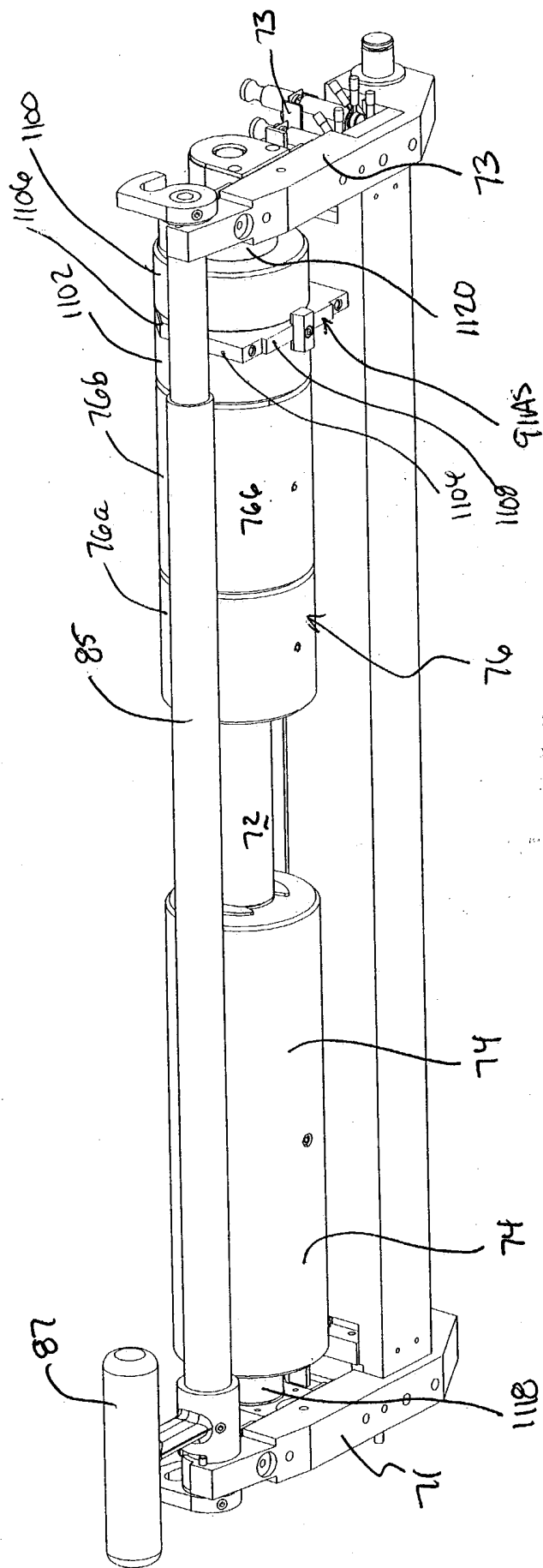


FIG. 144

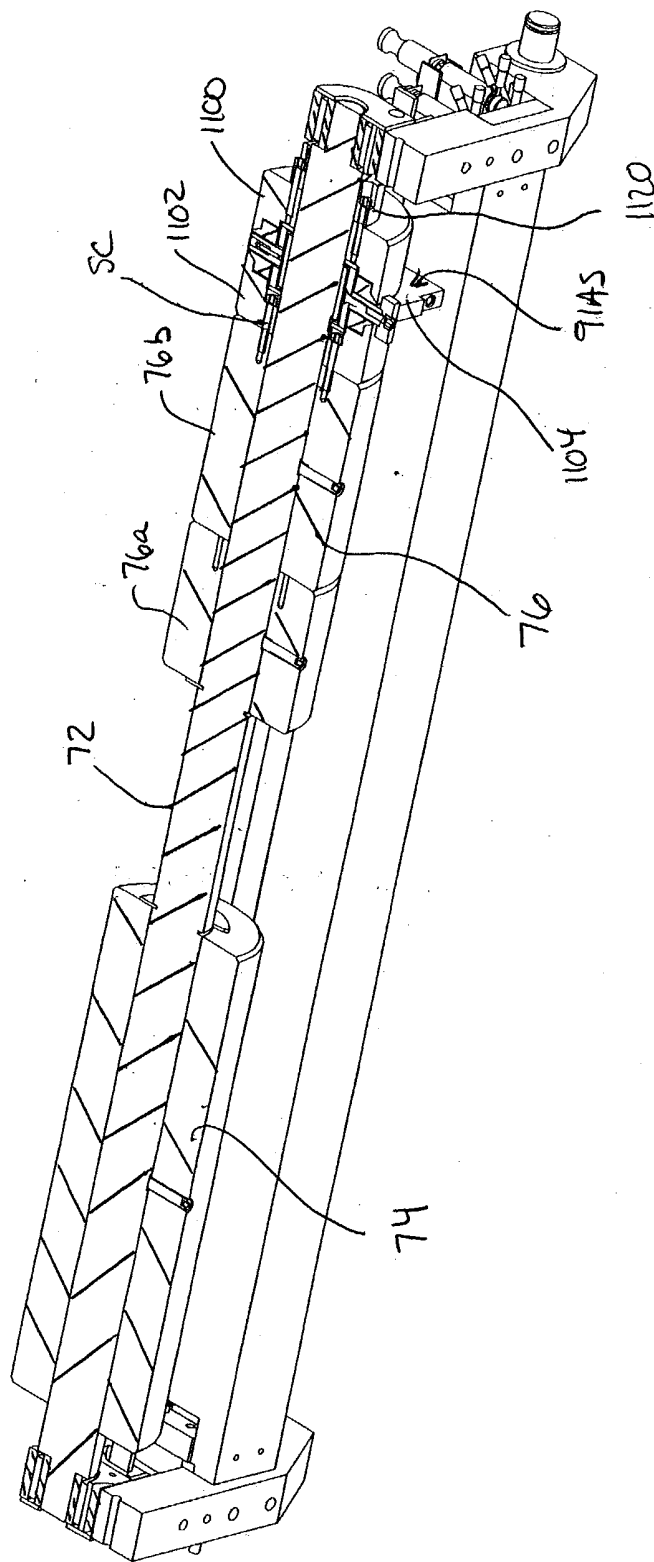


FIG. 145

FIG. 146A

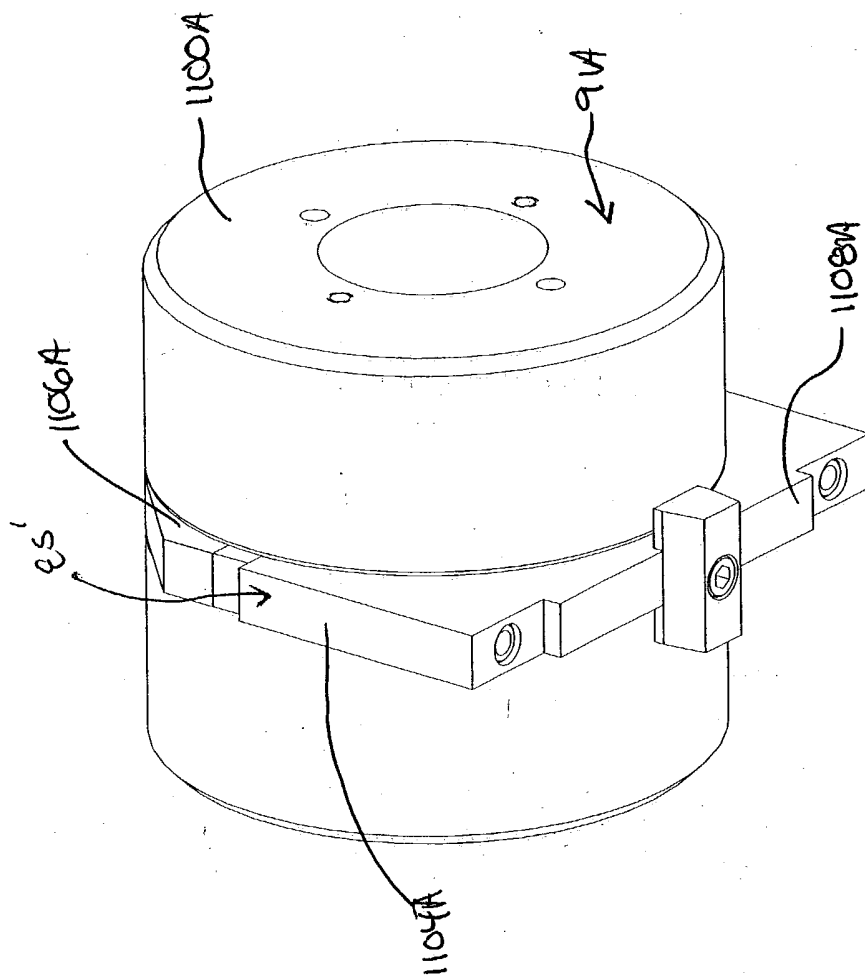


FIG. 147

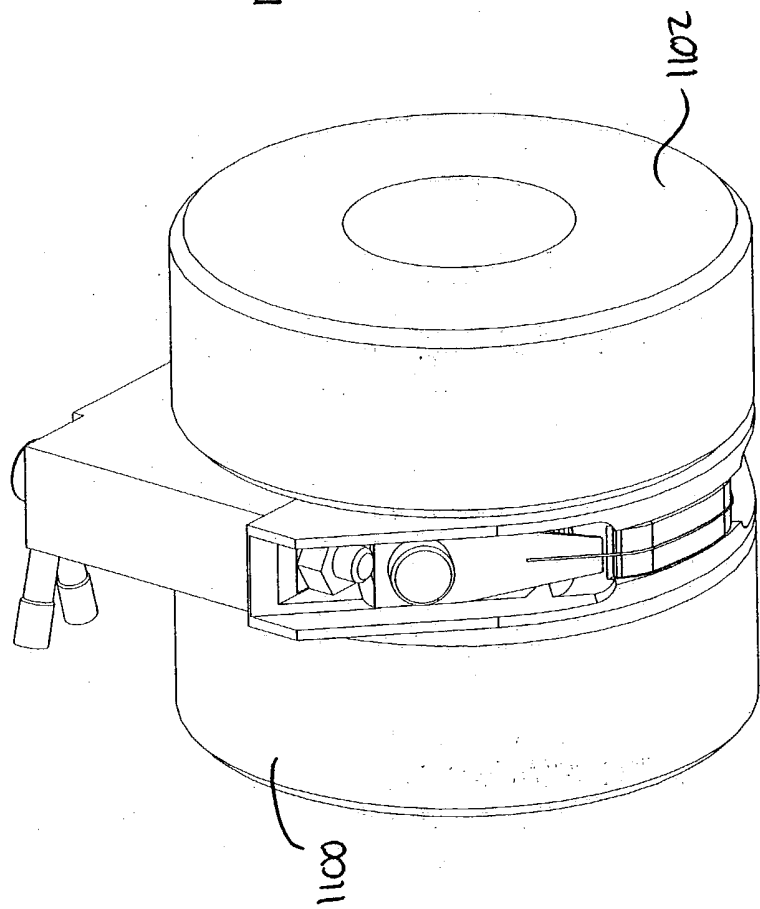
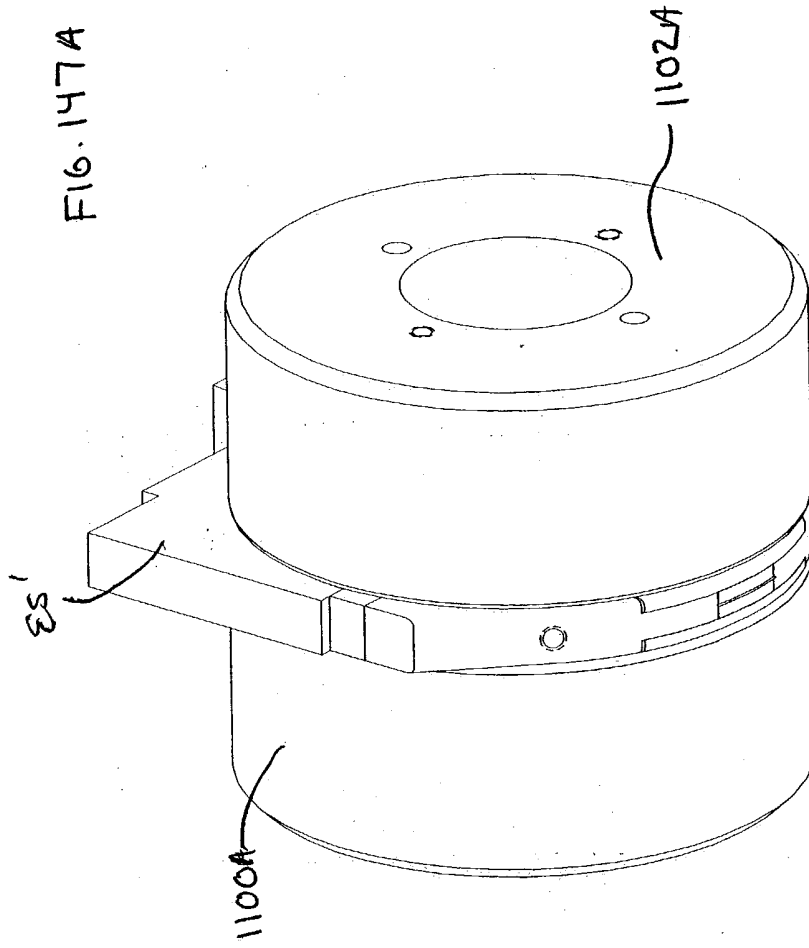


FIG. 147A



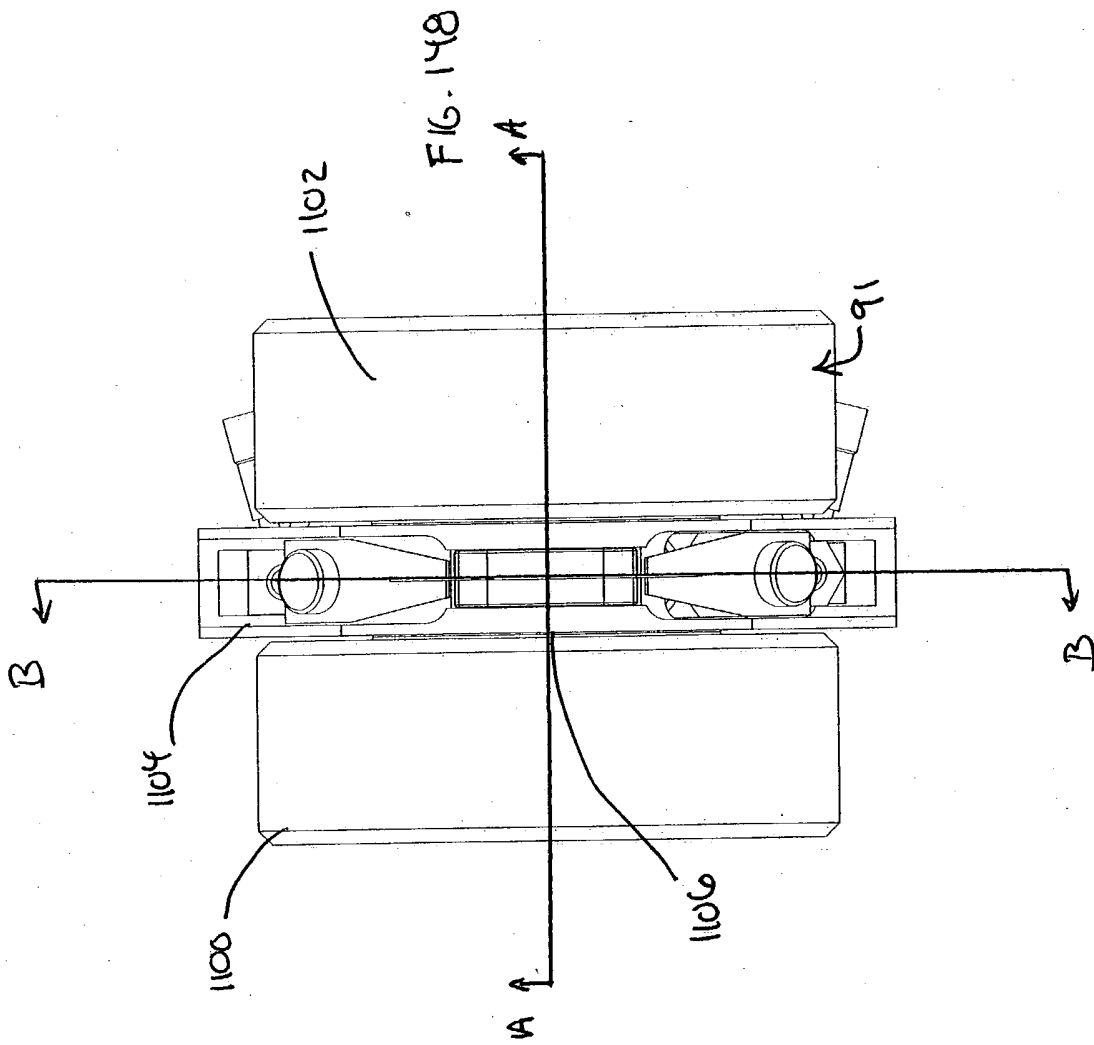
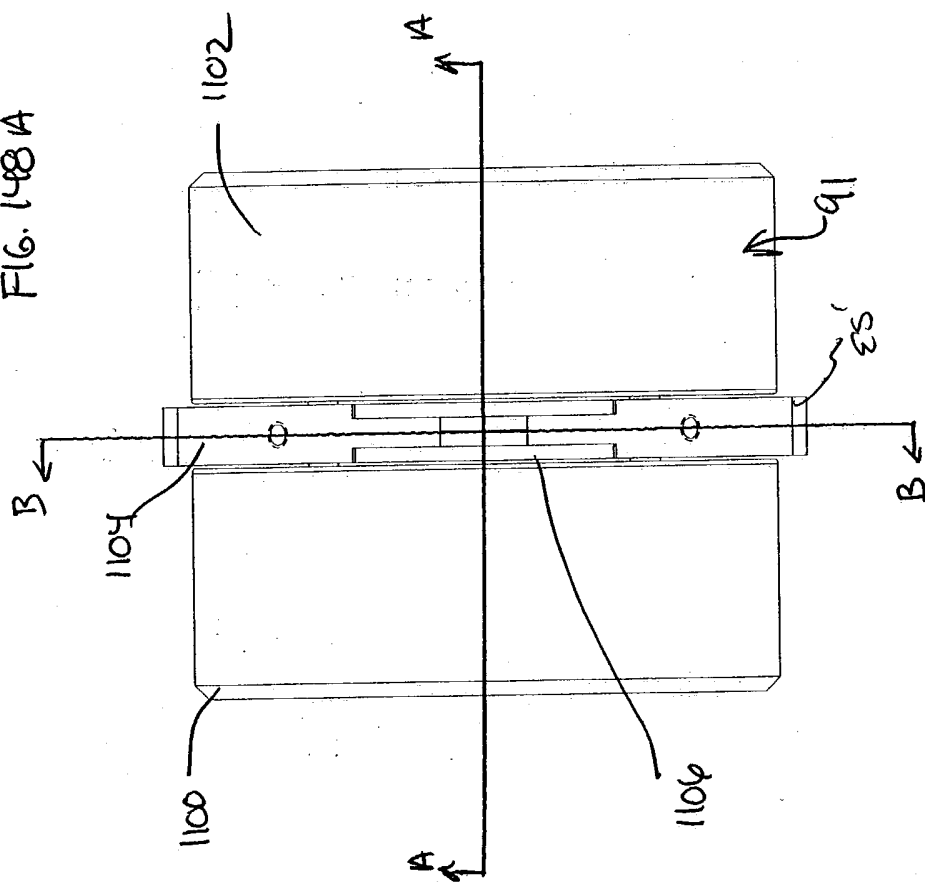


FIG. 148A



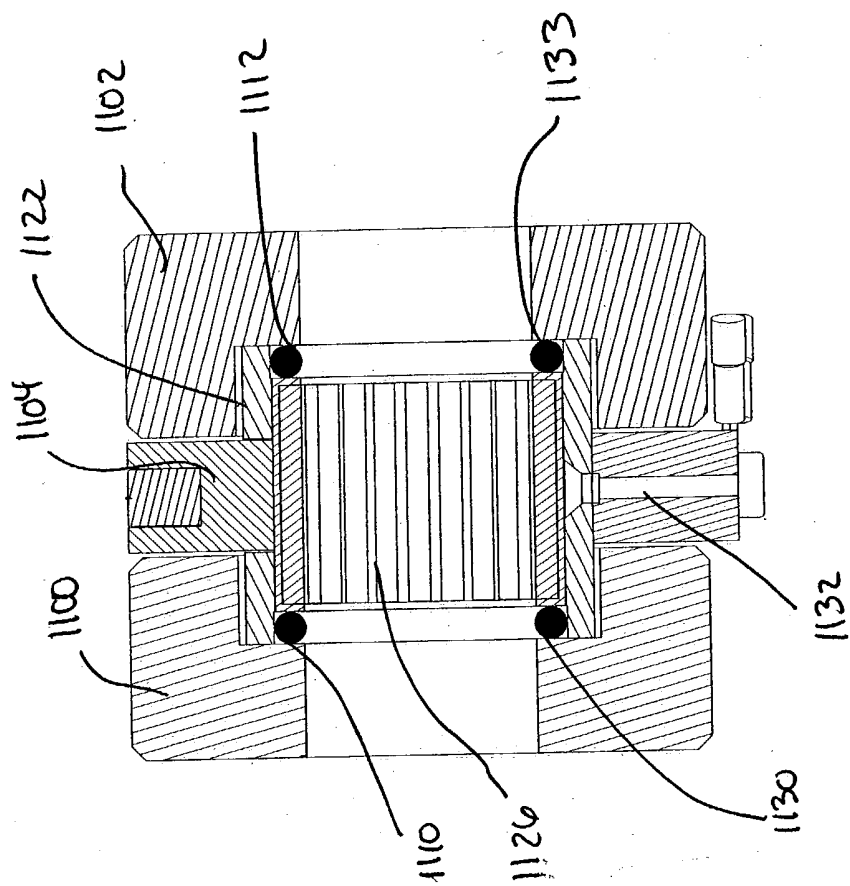
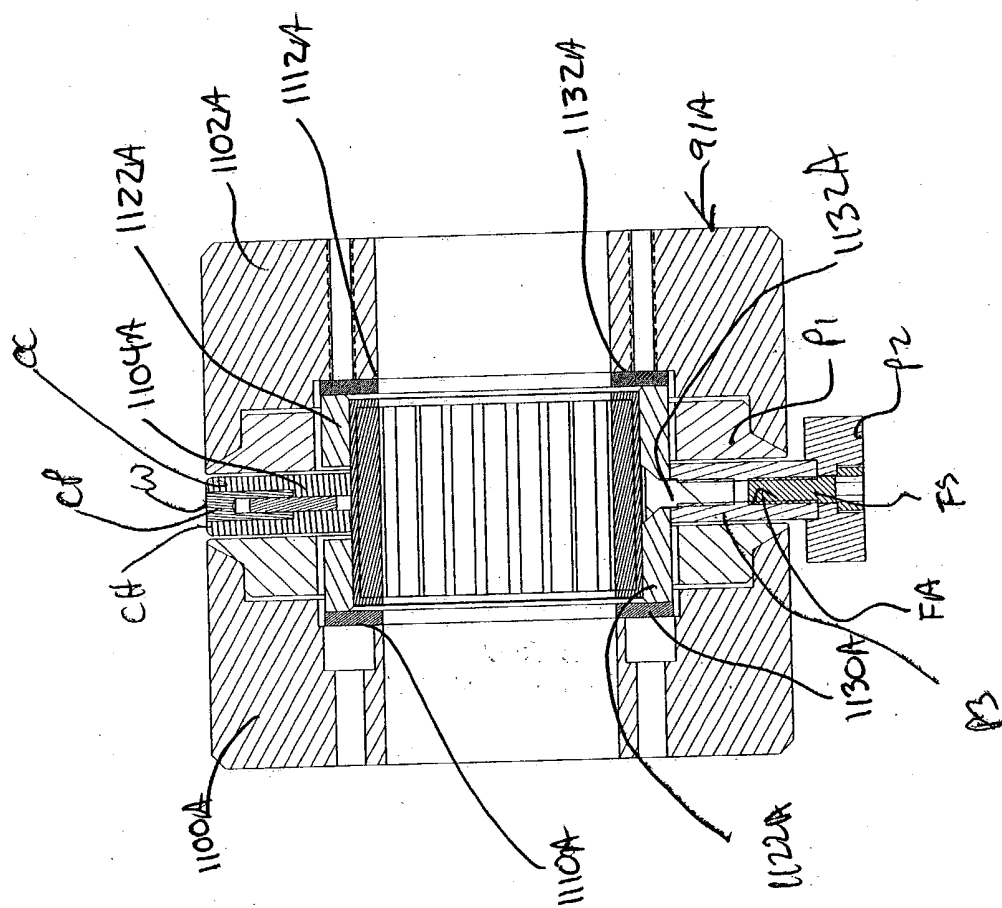


FIG. 149

FIG. 149A



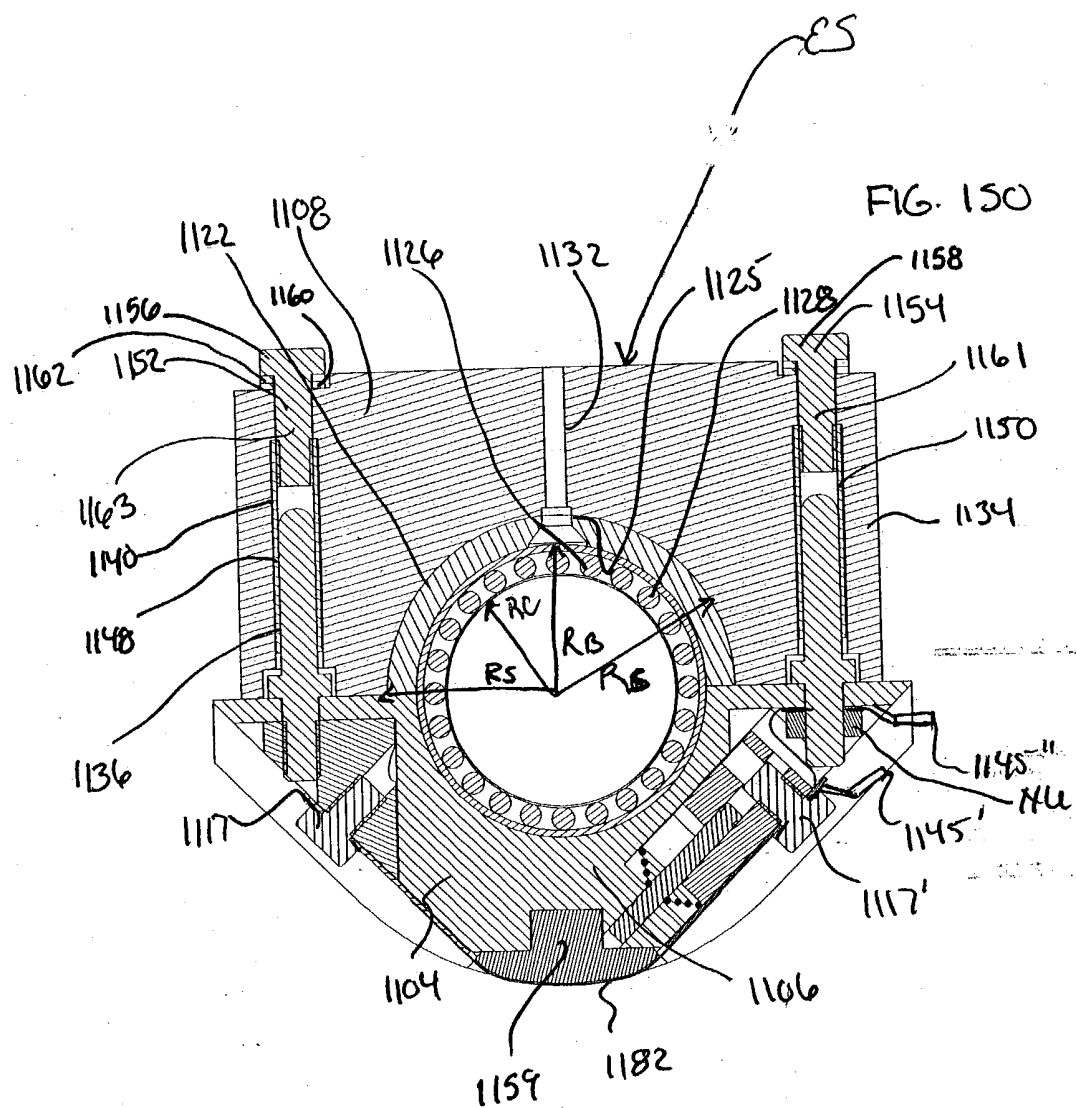


FIG. 150A

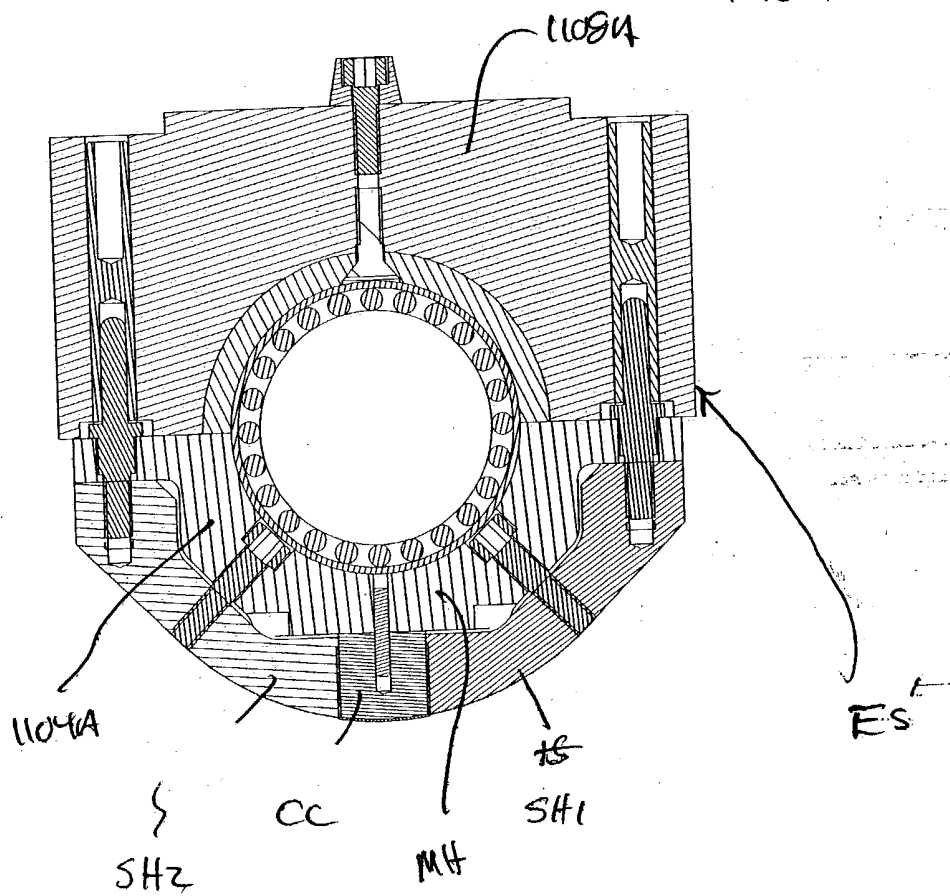


FIG. 151

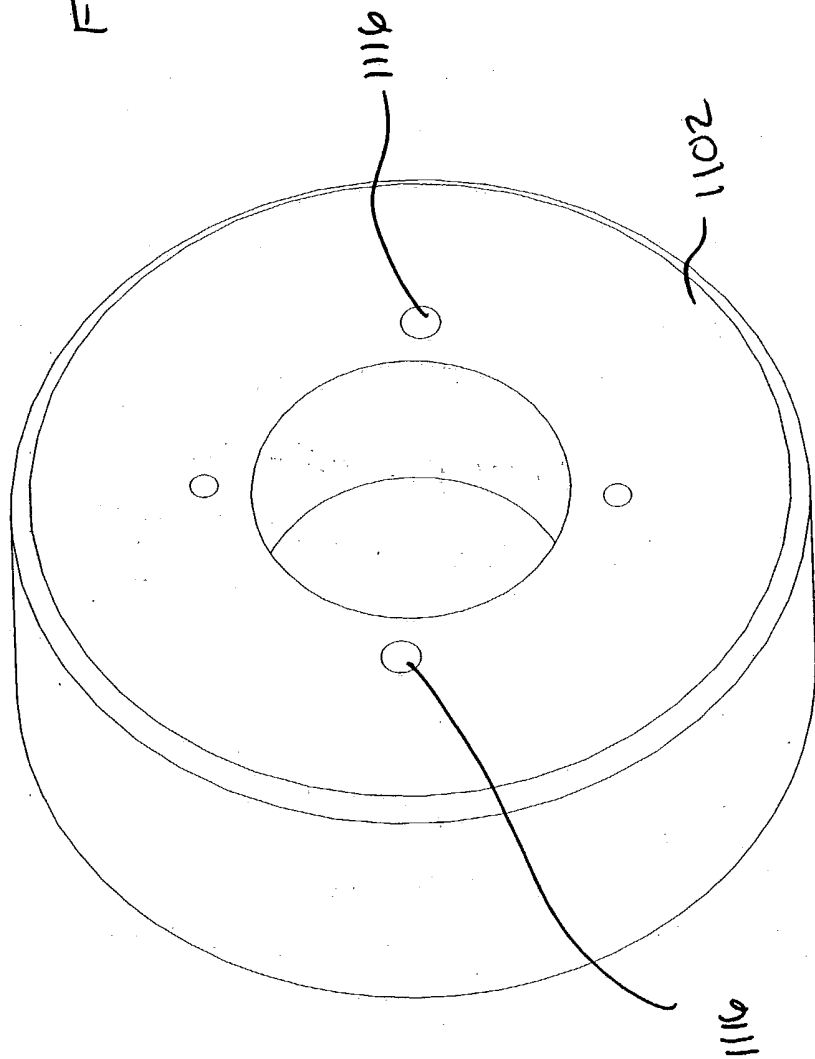


FIG. 151A

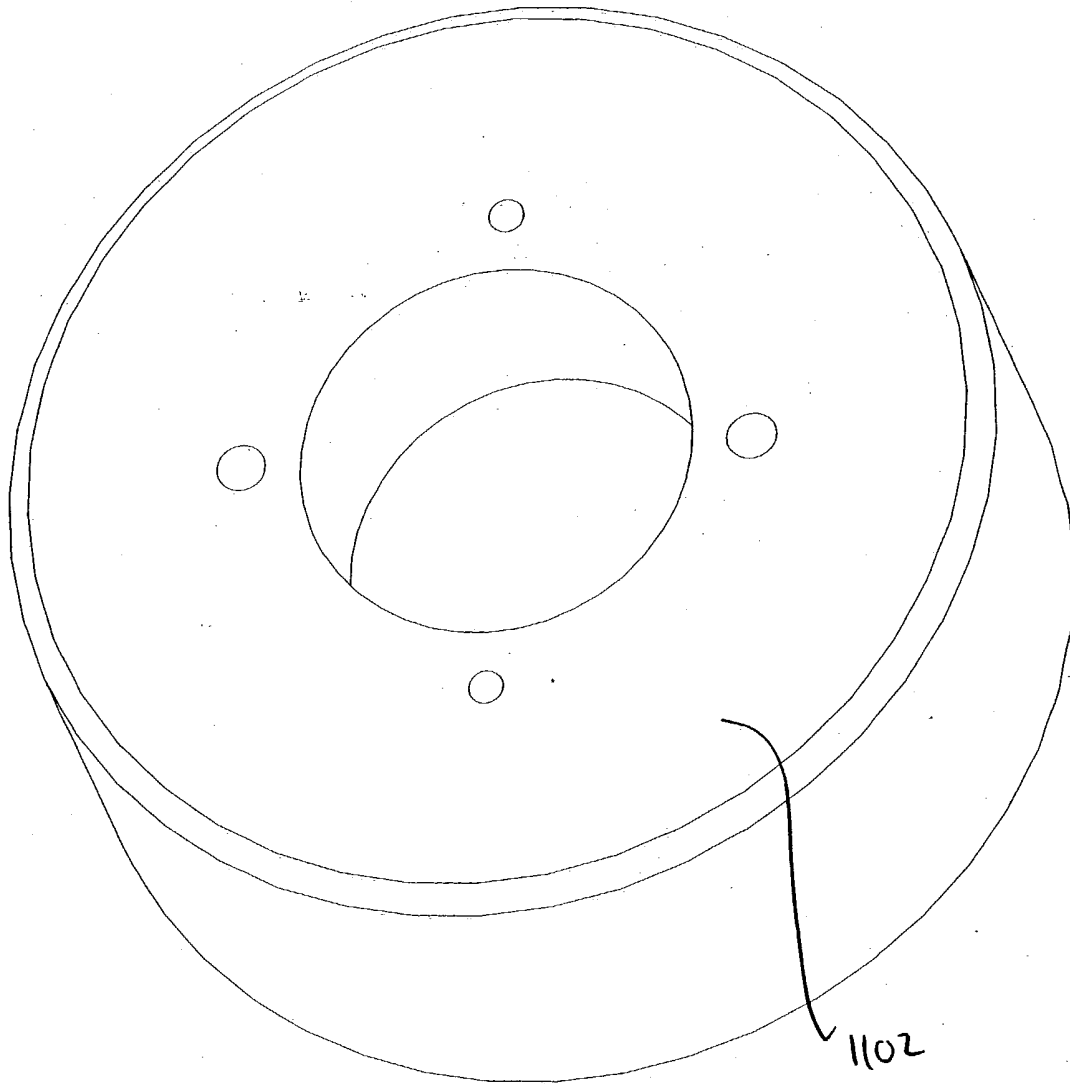


FIG. 152

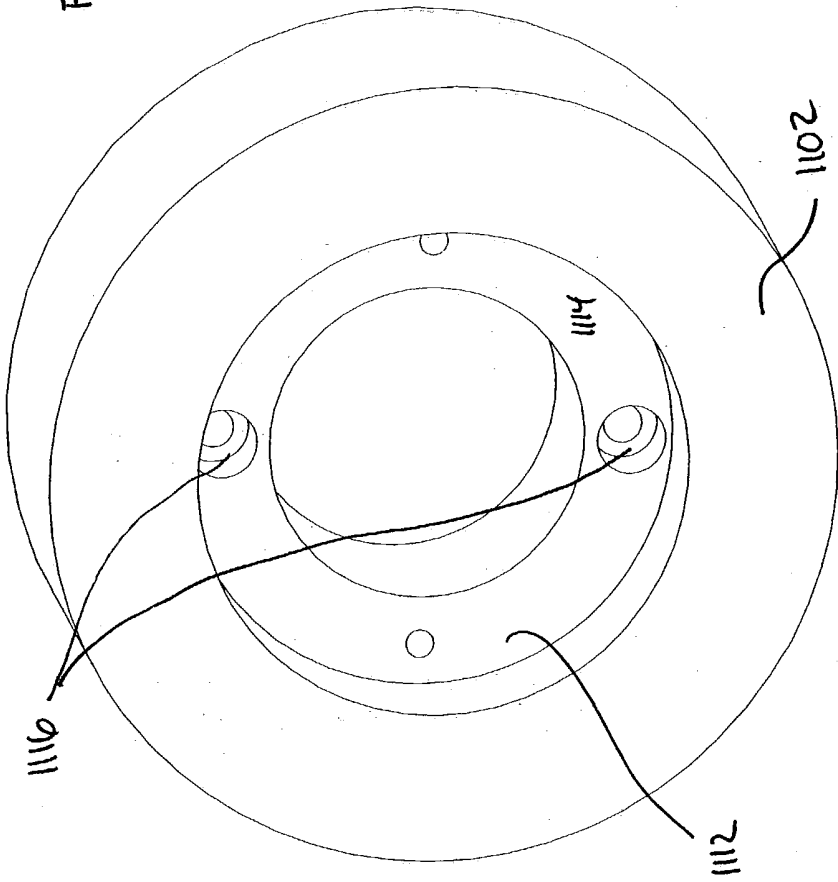
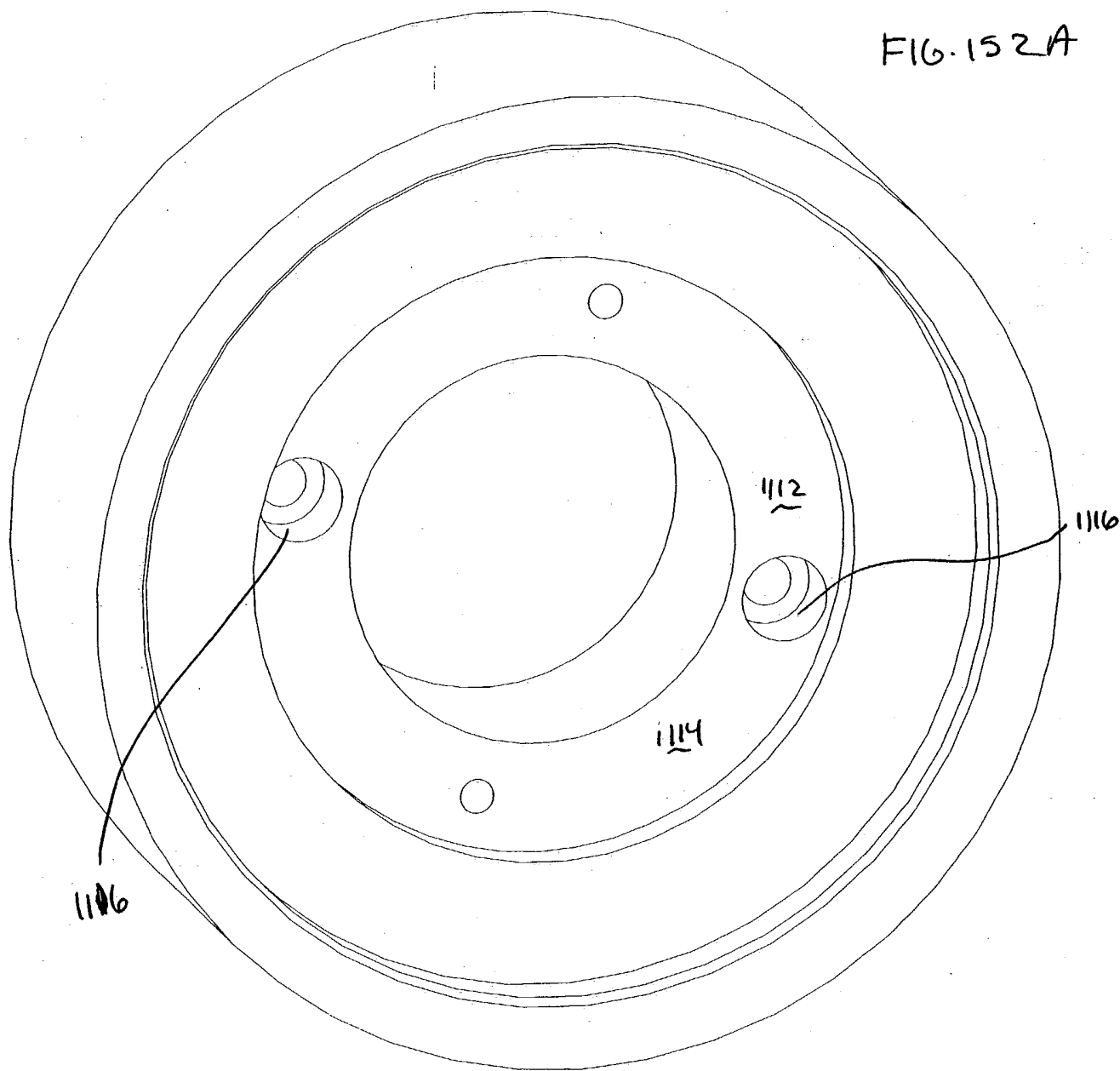


FIG. 152A



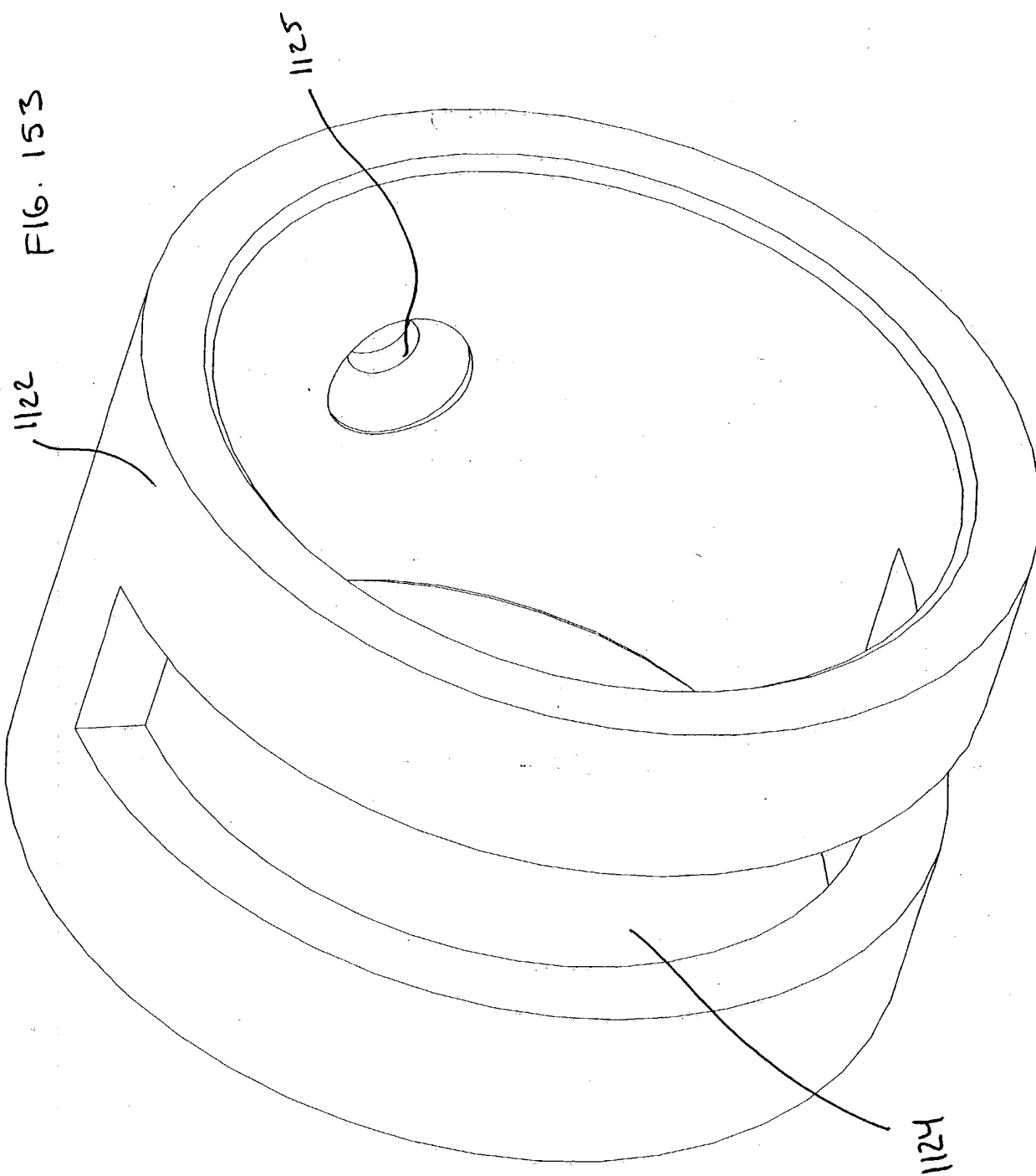


FIG. 154

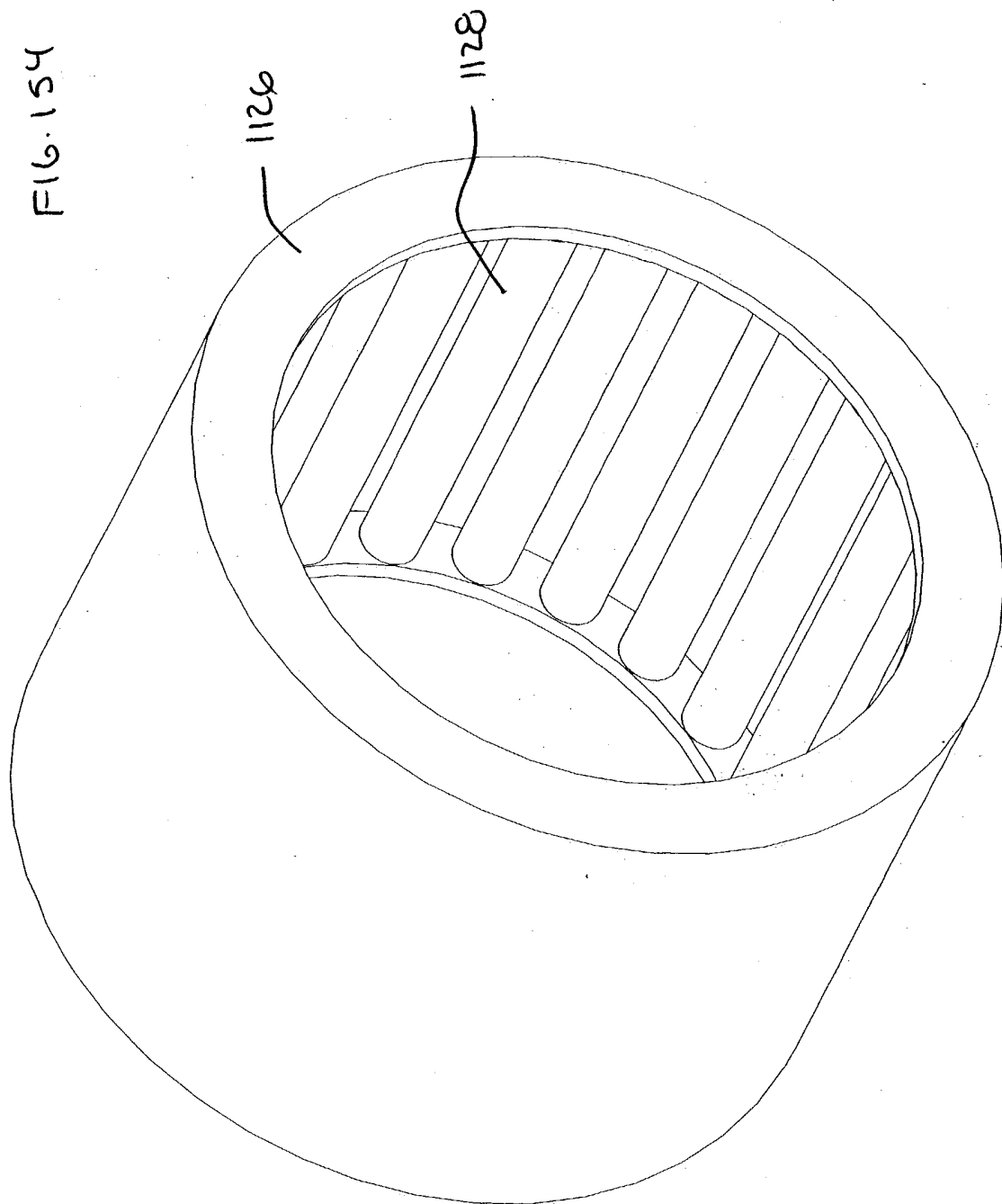
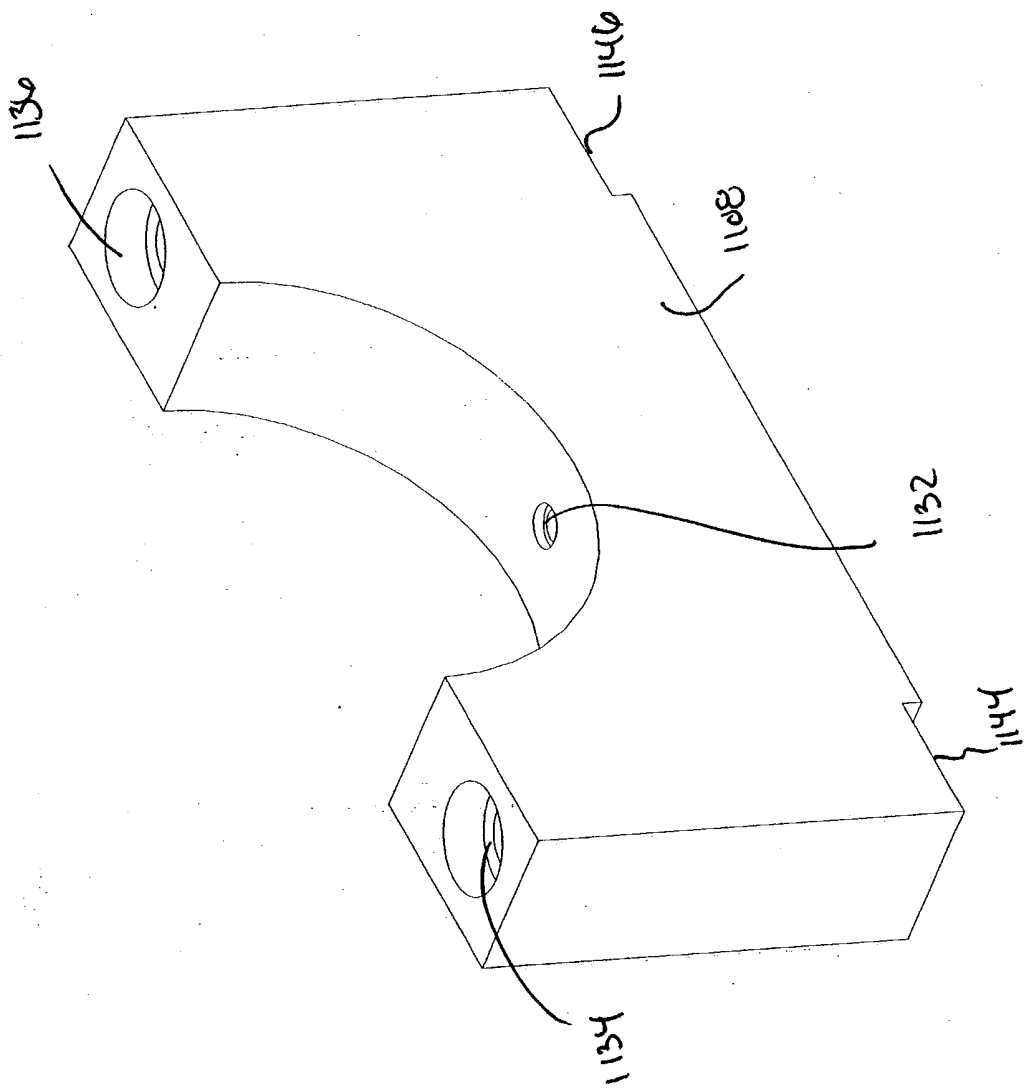


FIG. 155



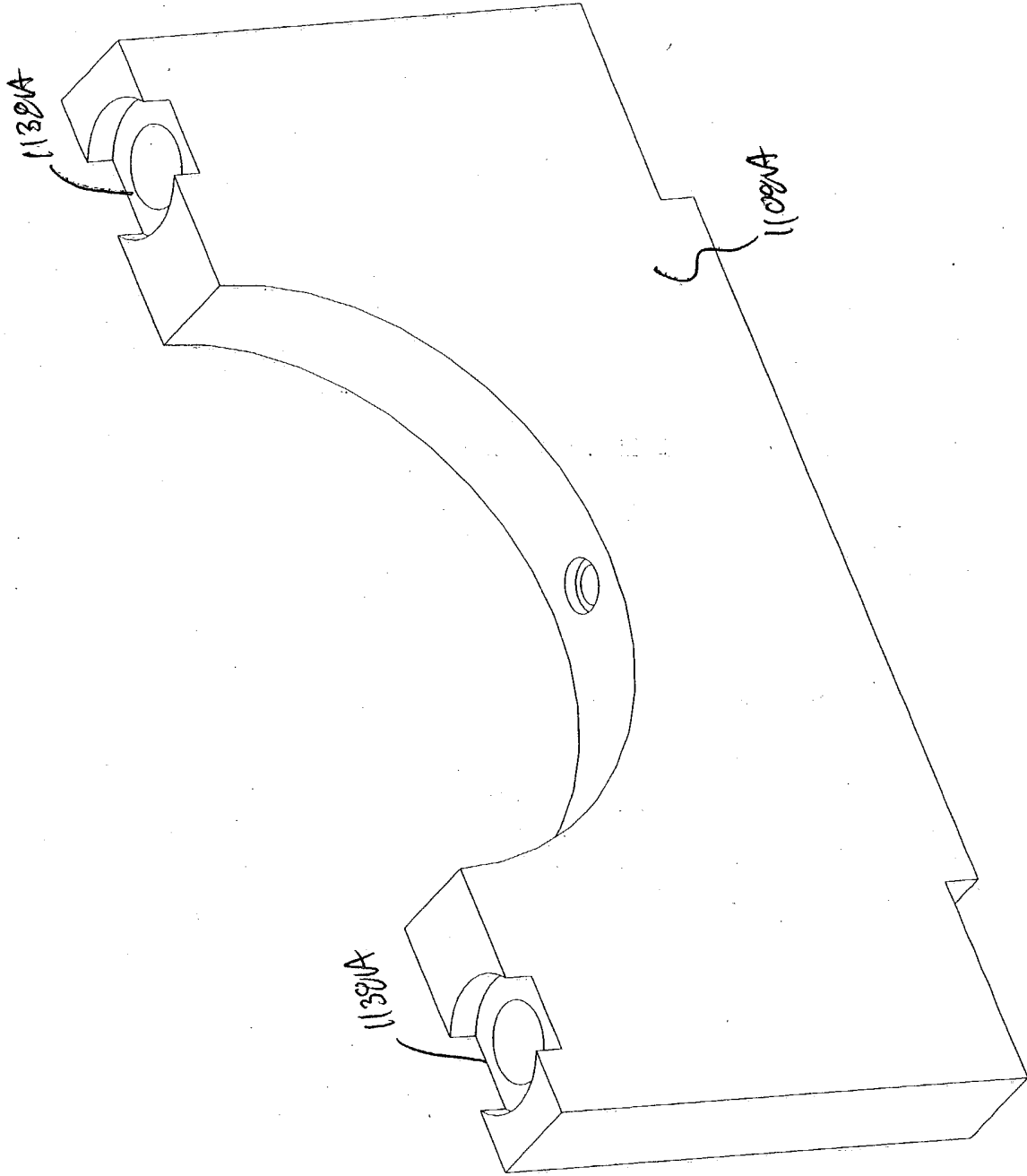


FIG. 155A

1132A

1108A

1132A

FIG. 15C

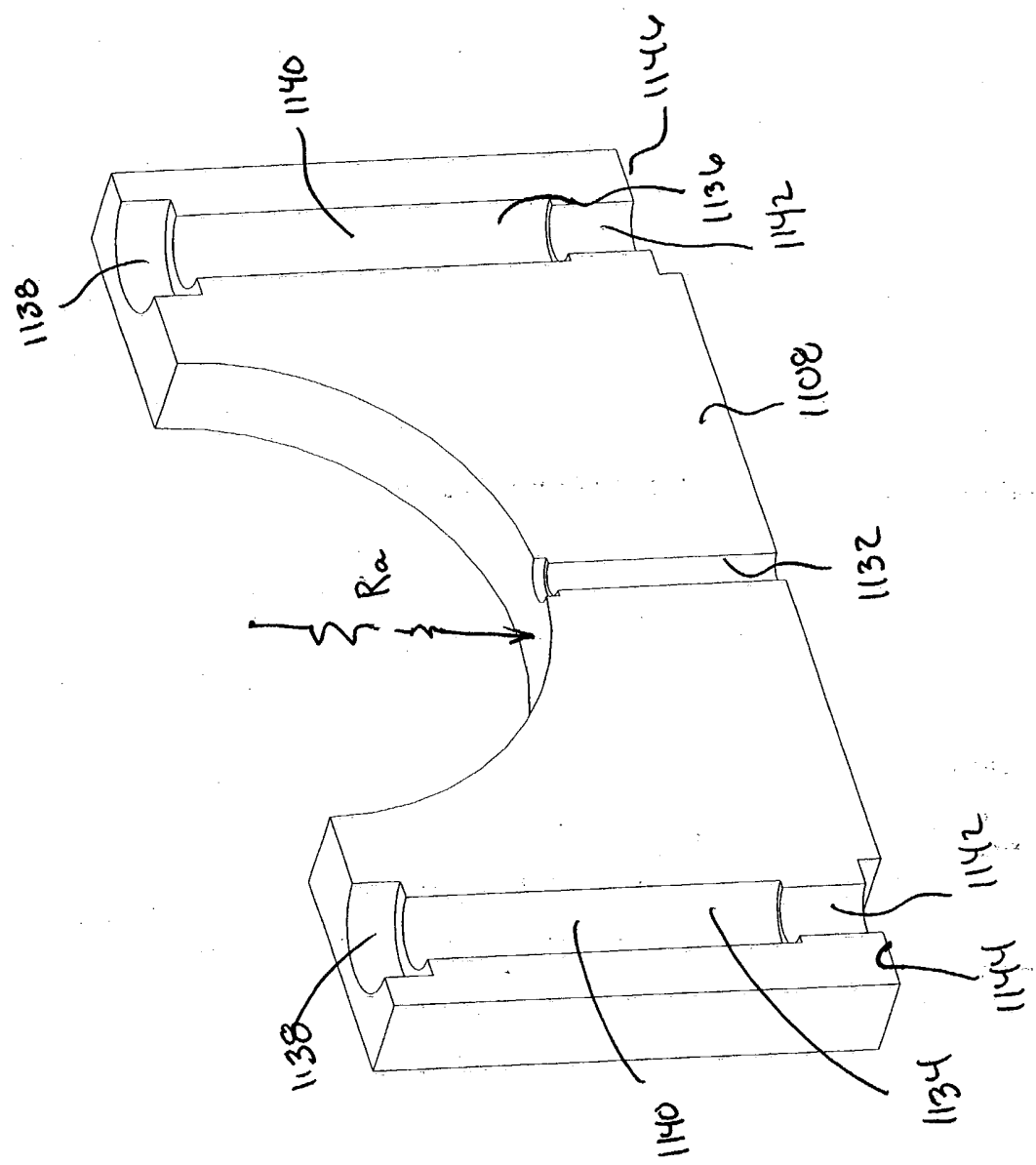


FIG. 156A

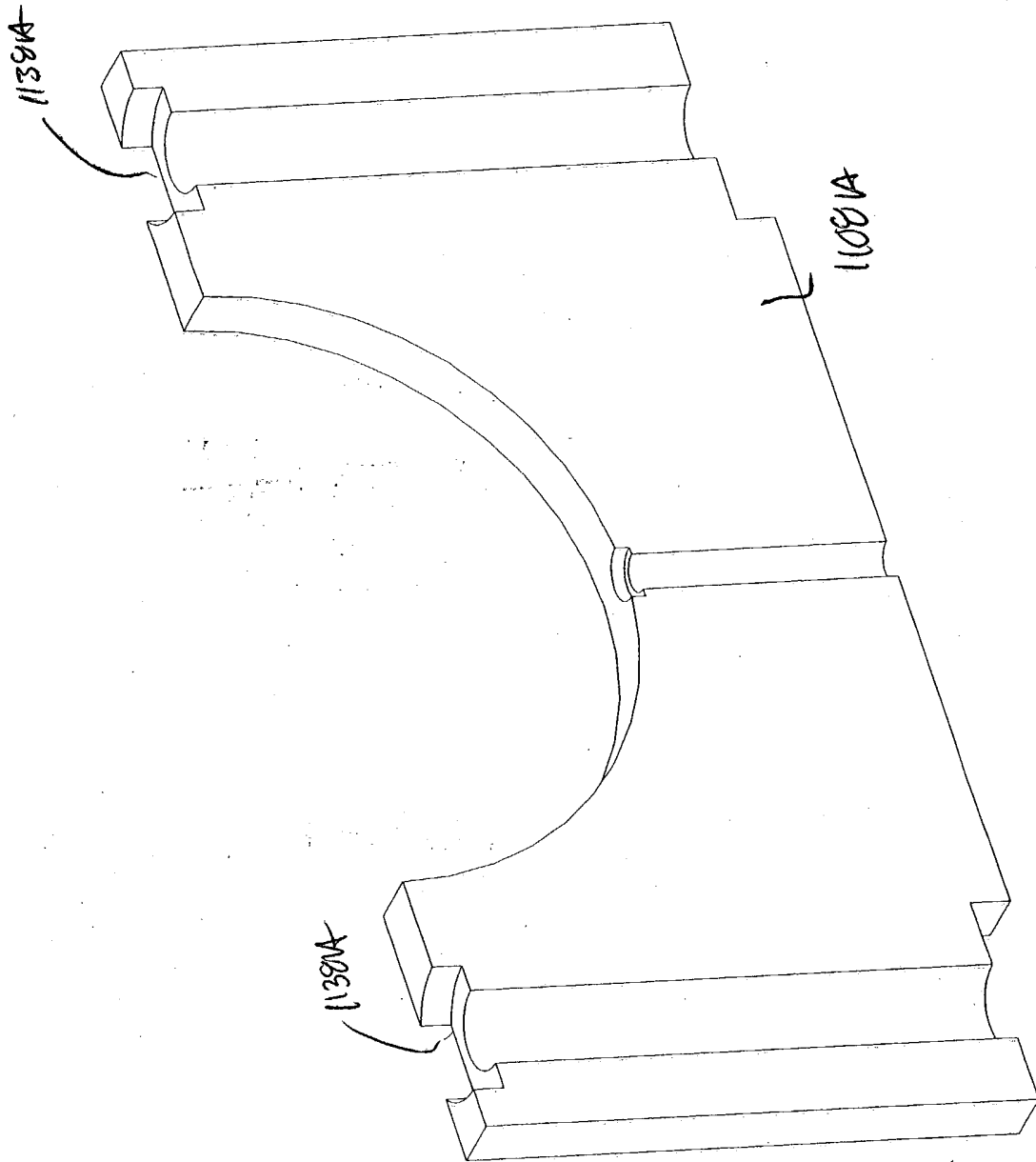


FIG. 157

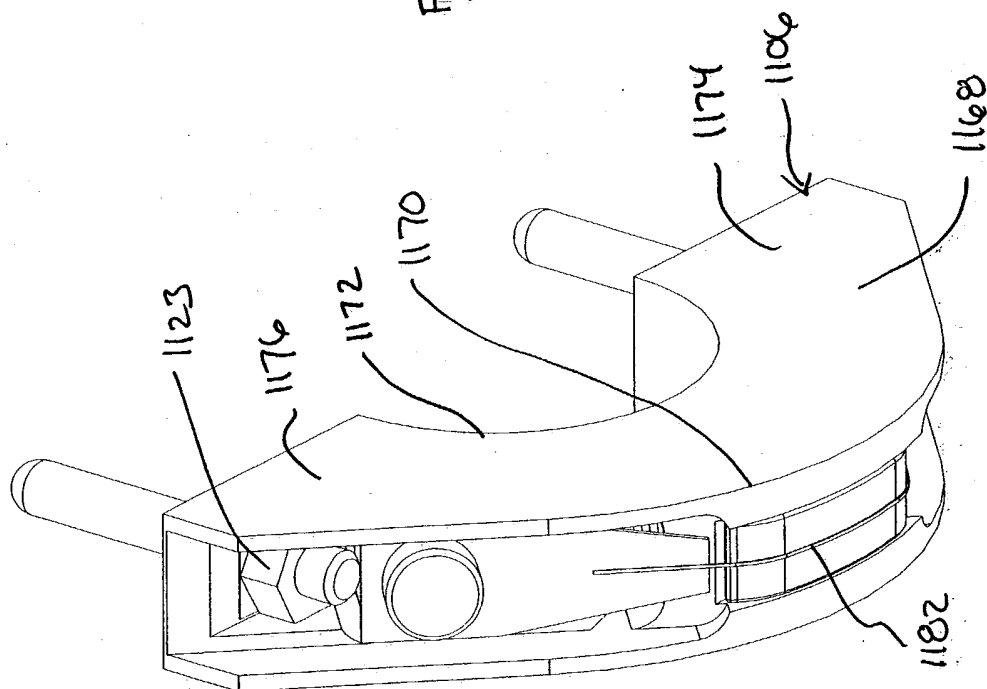


FIG. 157A

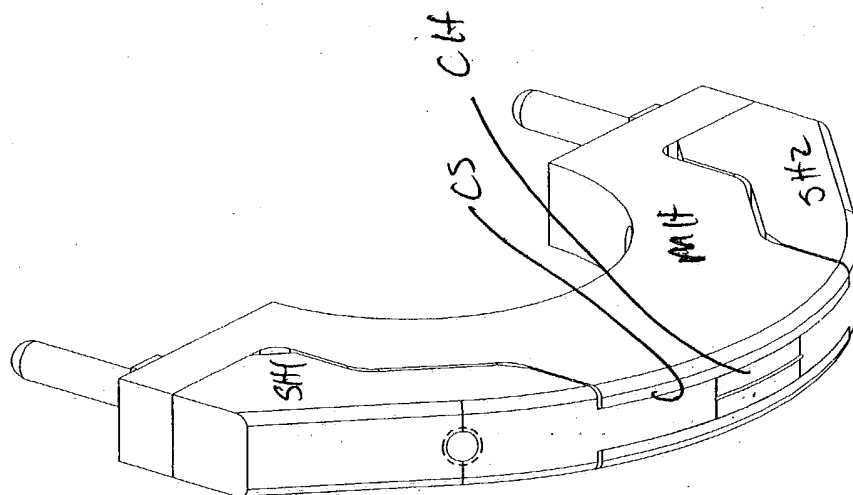
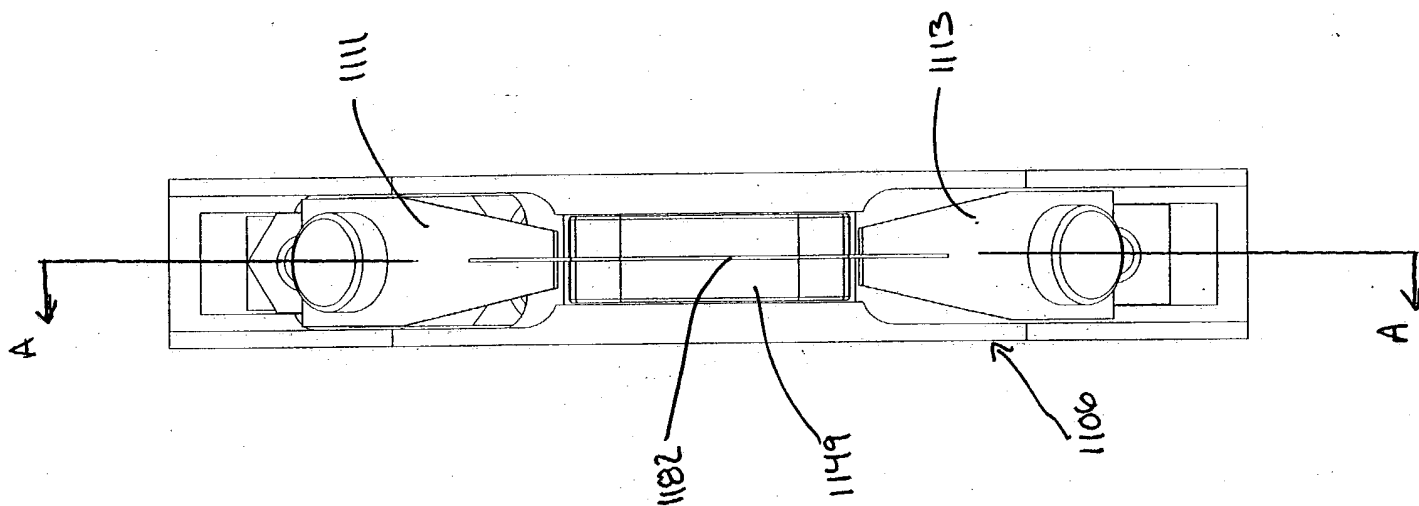


FIG. 158



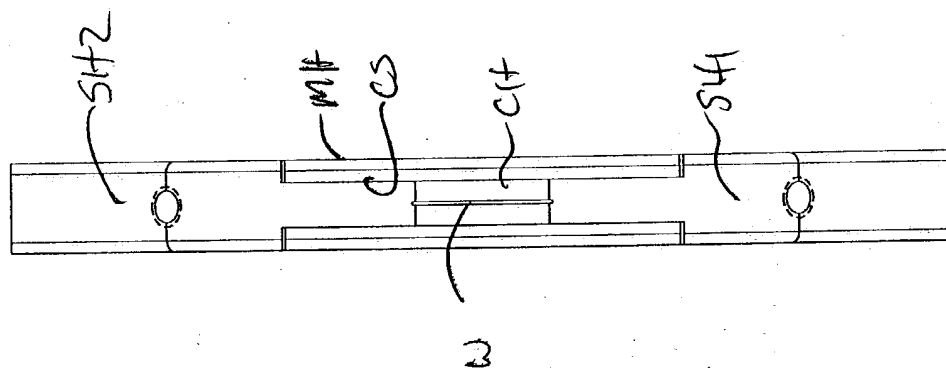
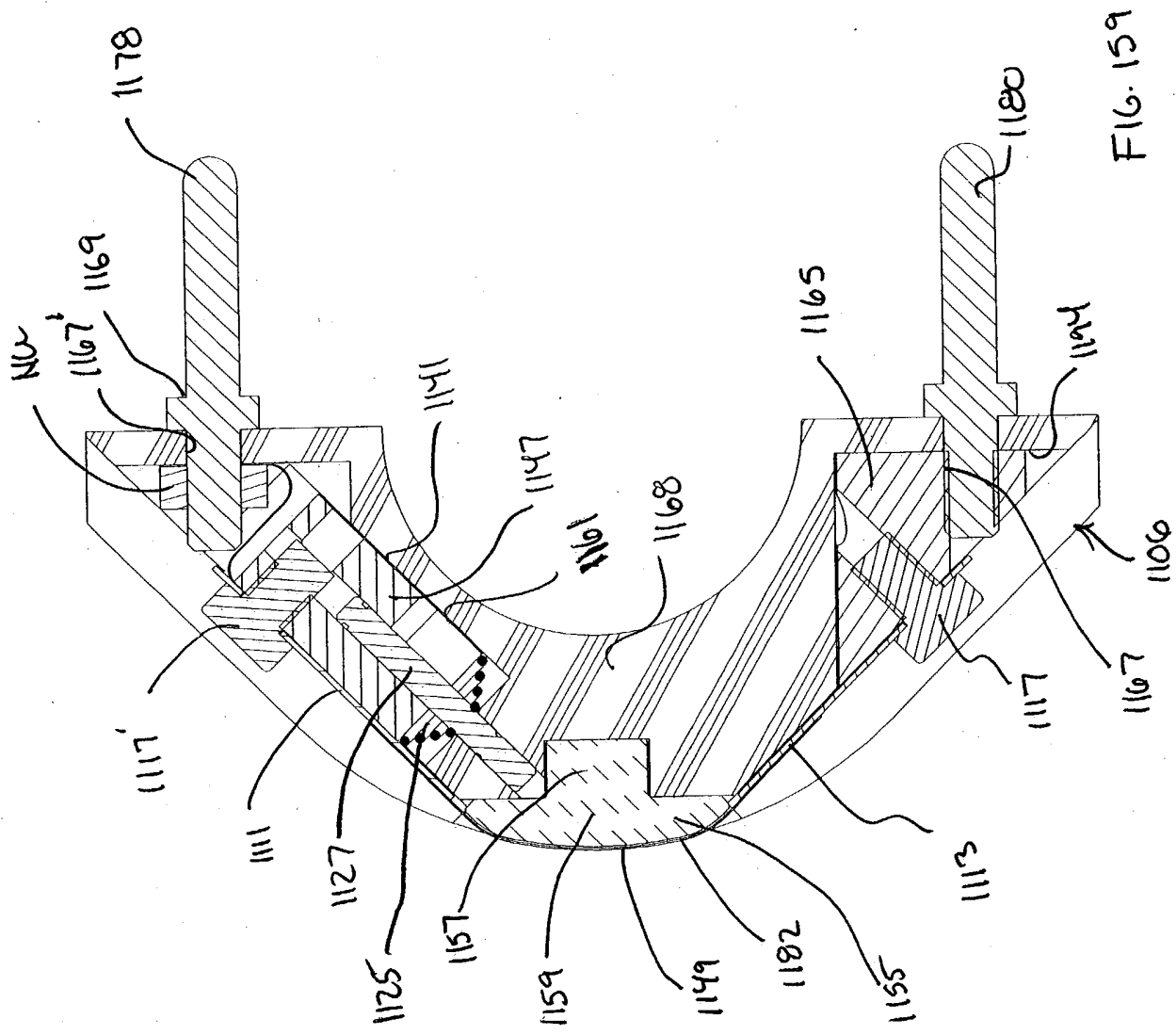


FIG. 158A



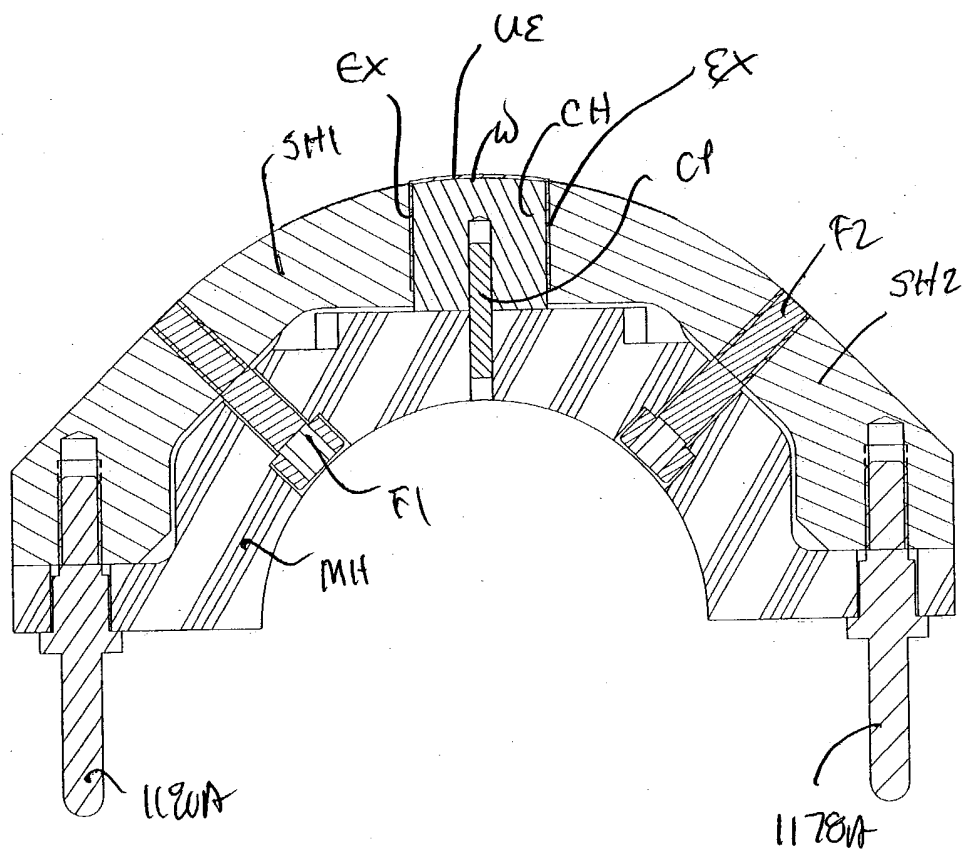


FIG-159A

FIG. 160

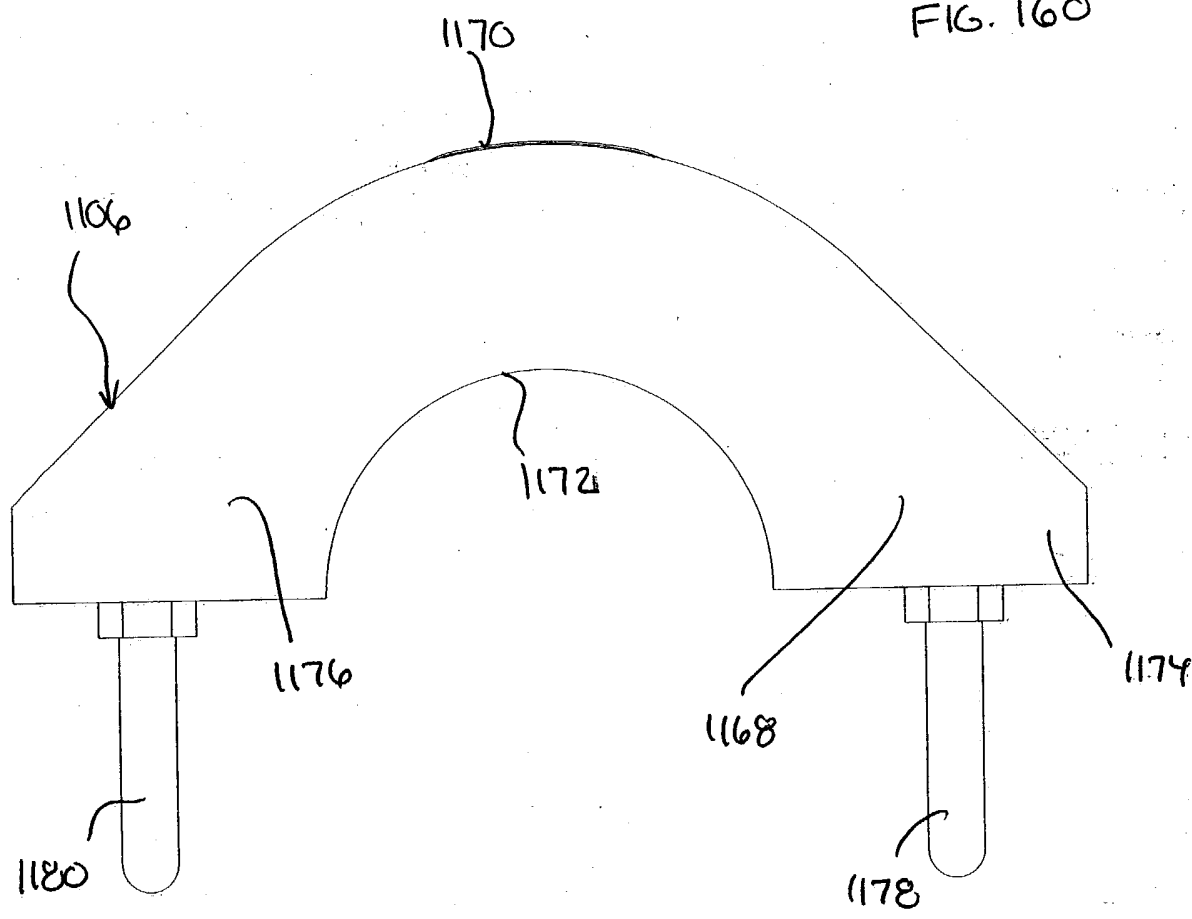
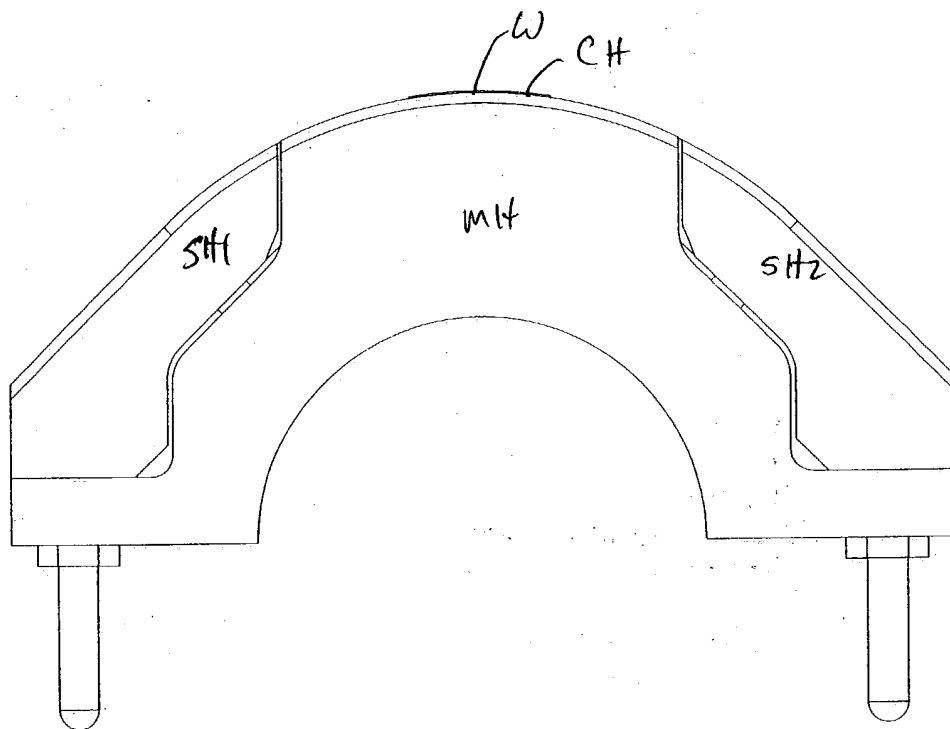


FIG. 1601A



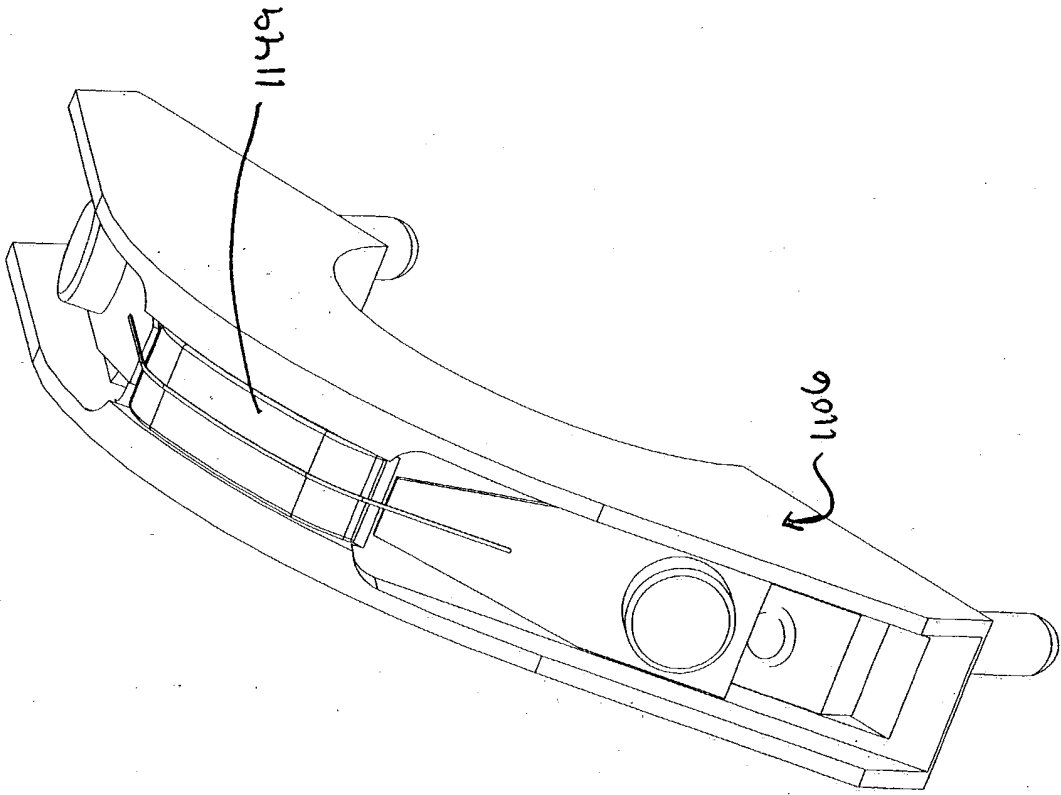


FIG. 161

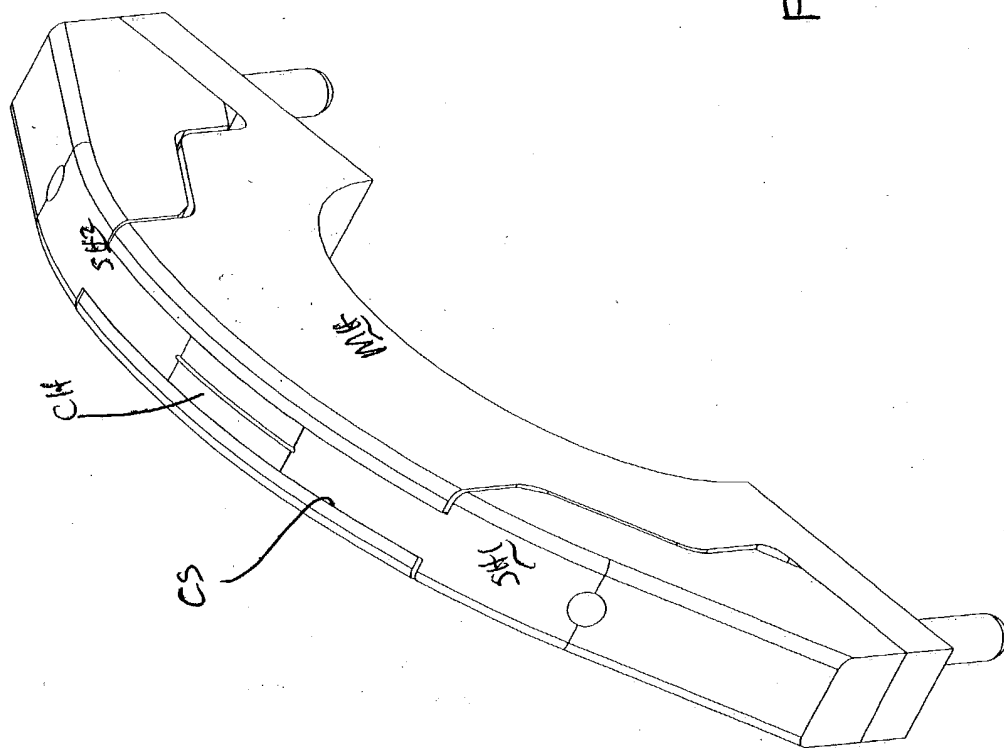


FIG. 16A

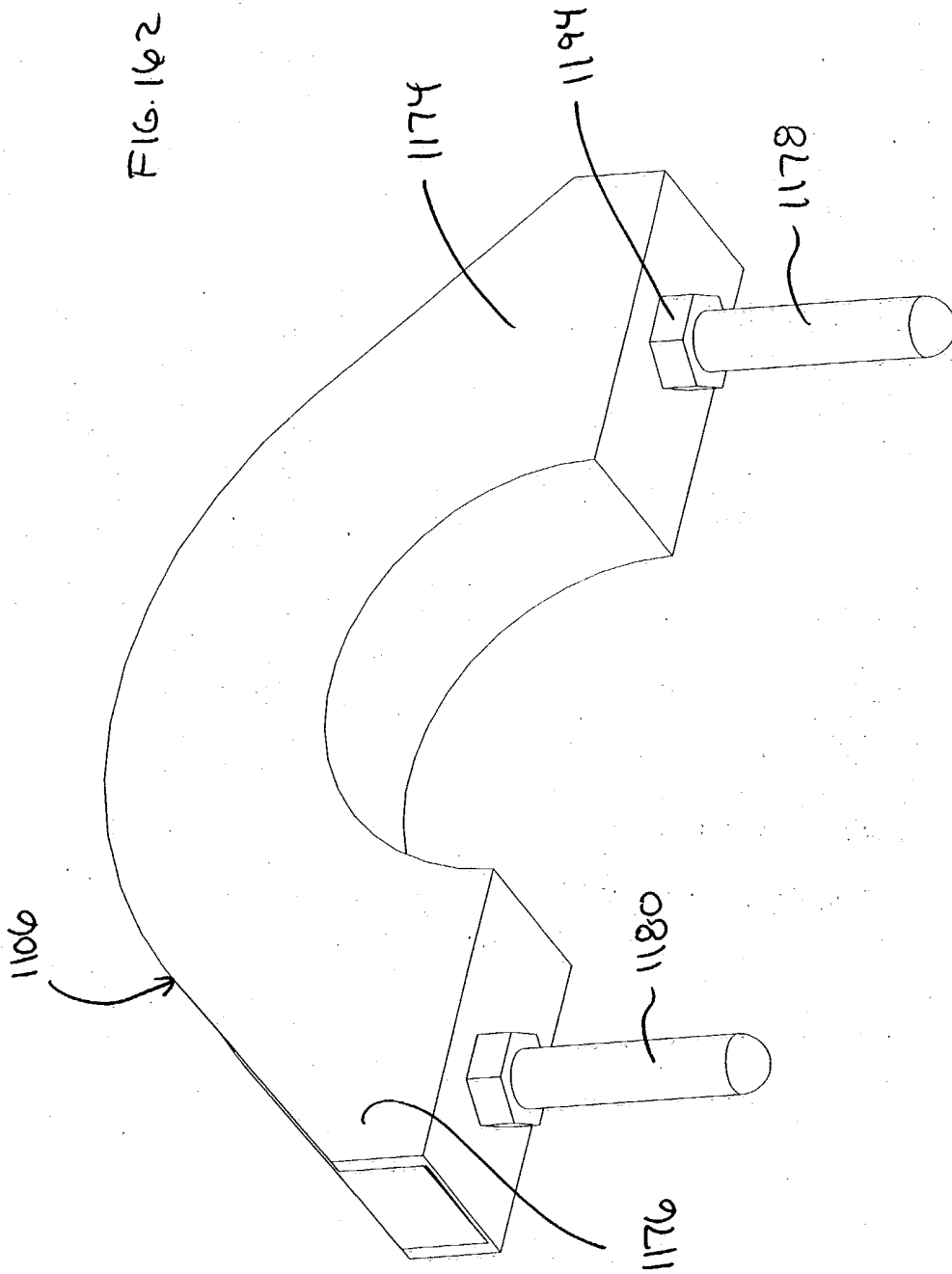
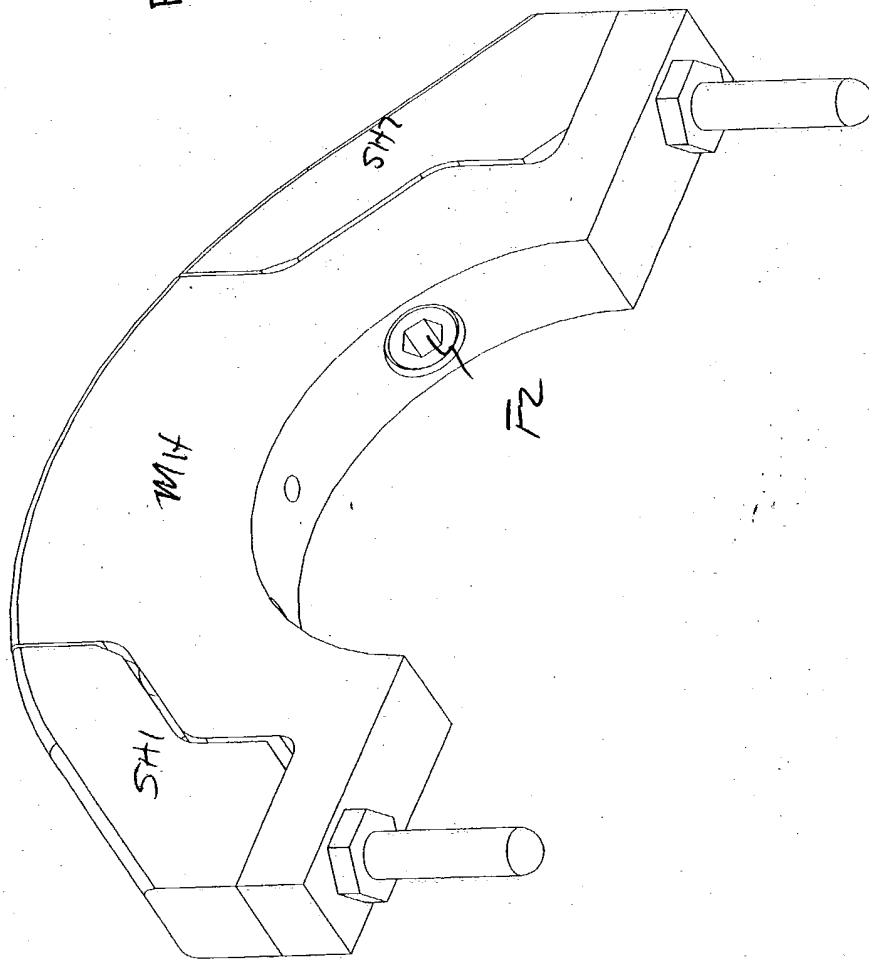
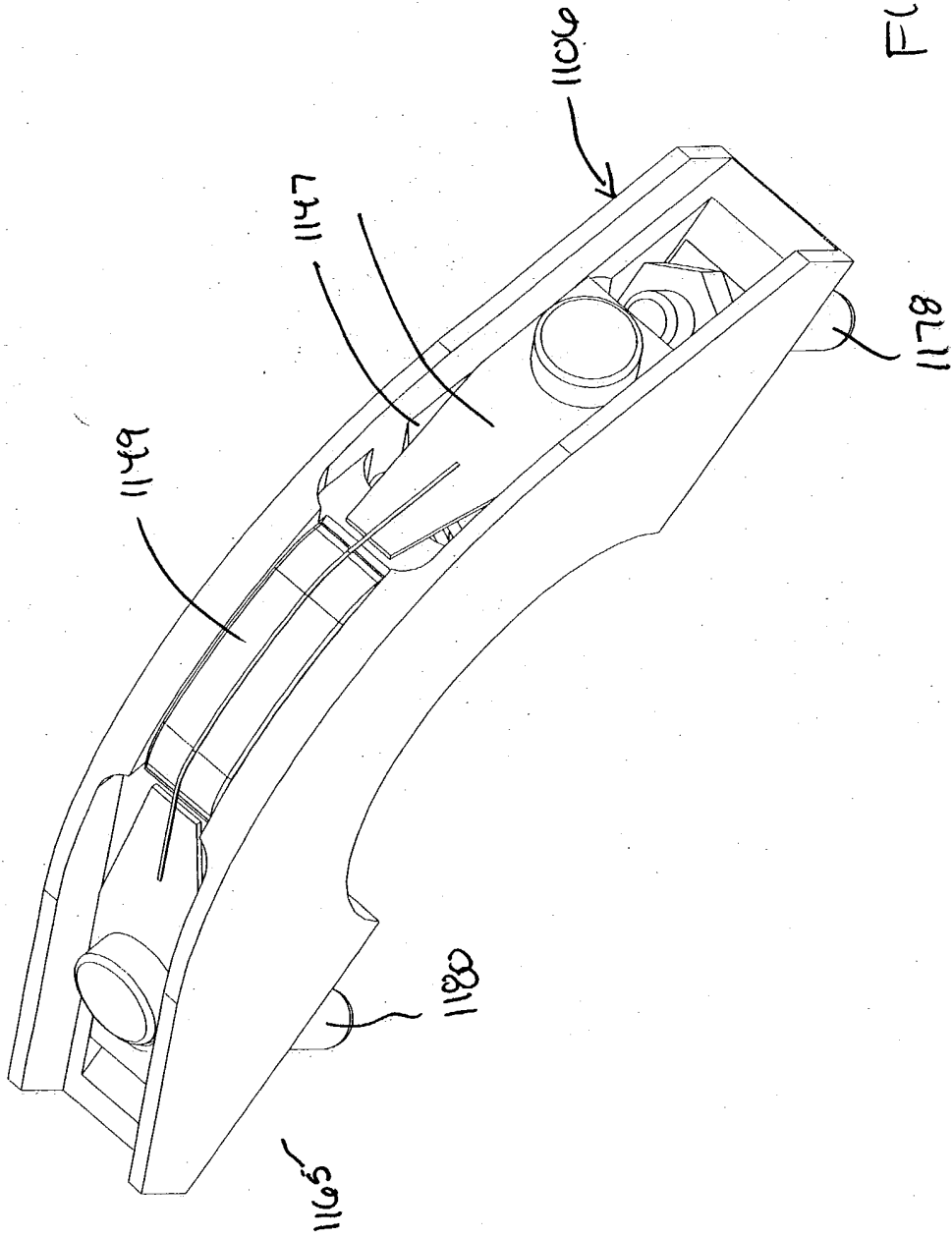


FIG. 162A





F(6-163

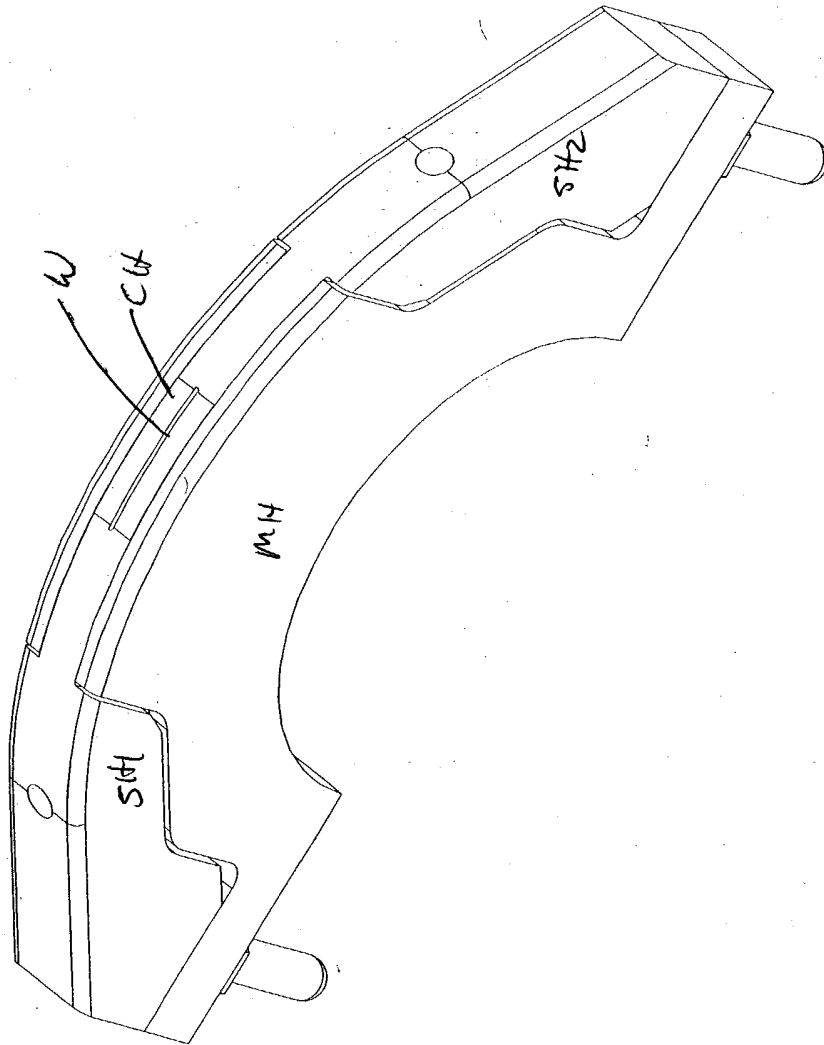


FIG. 163A

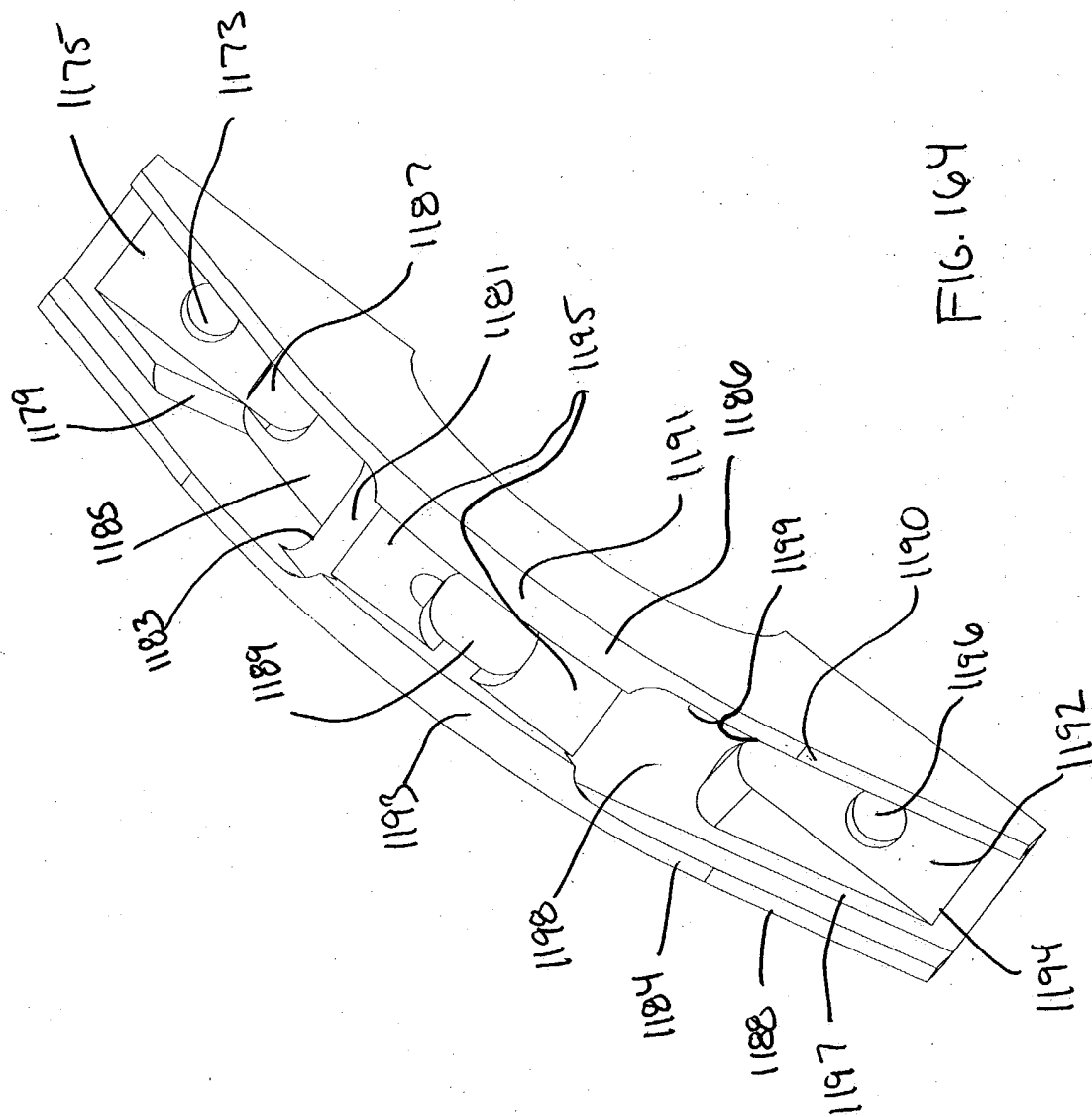


FIG. 164

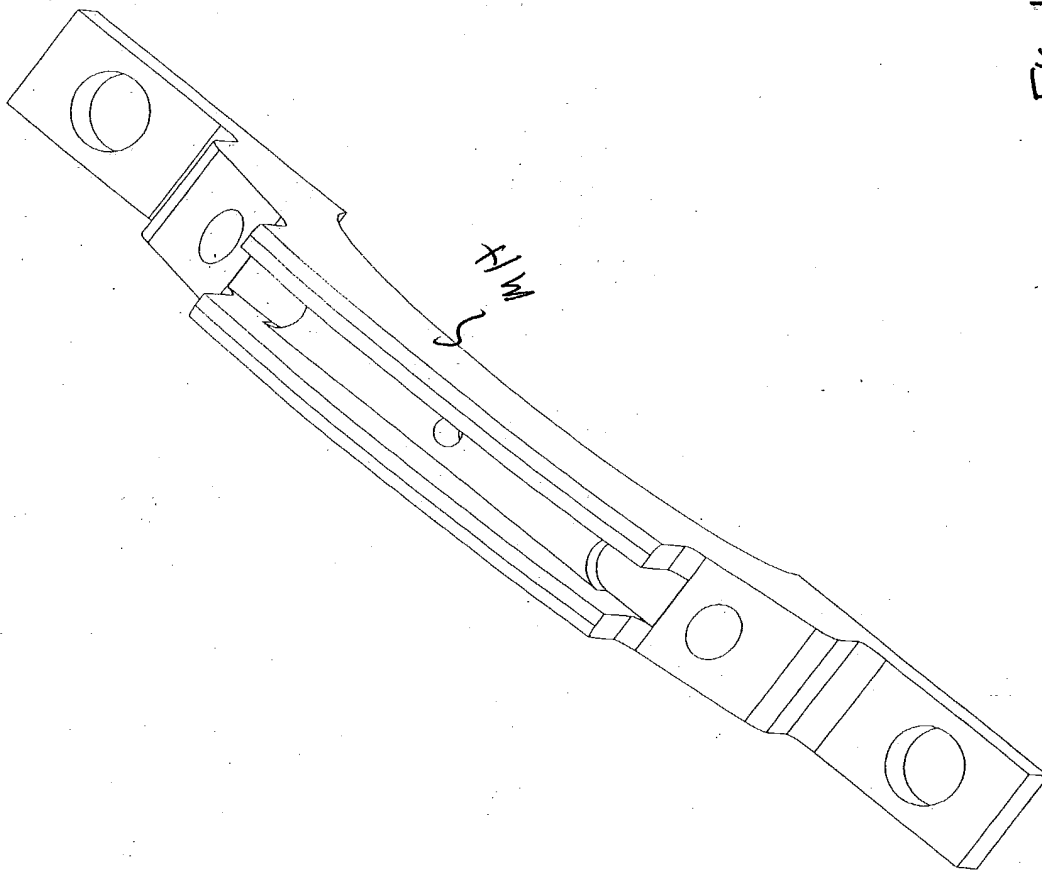


FIG. 164A

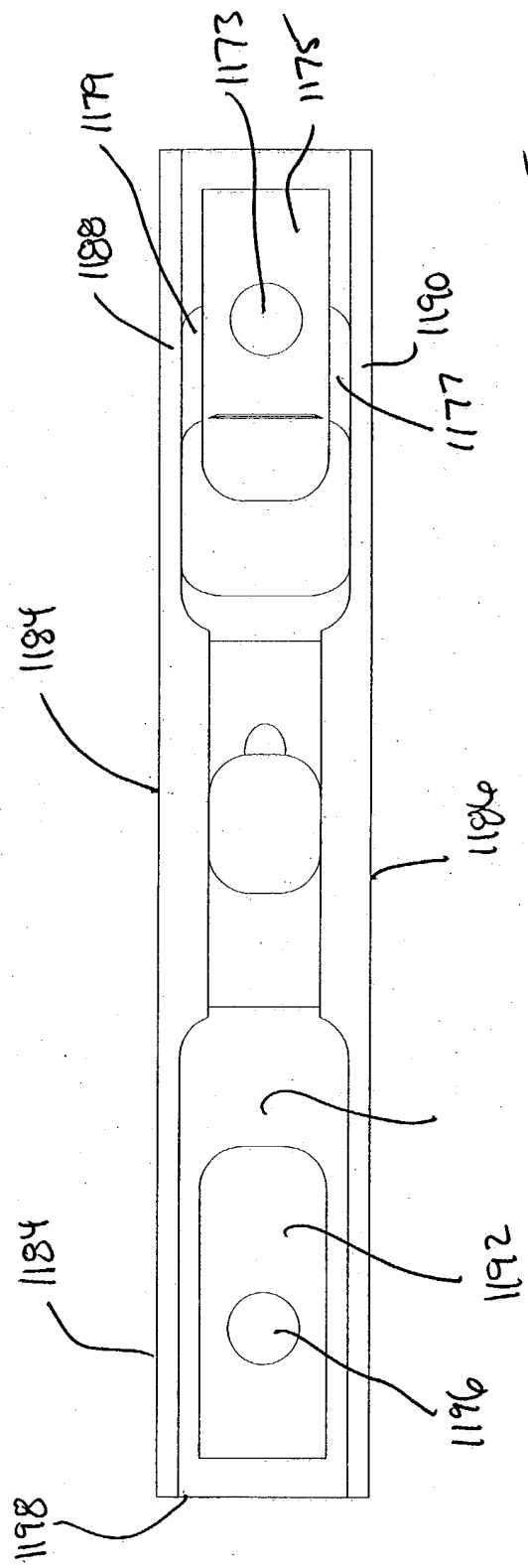


FIG. 165

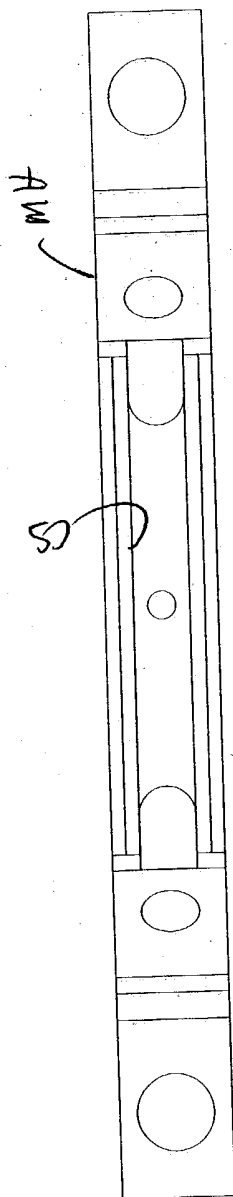


FIG. 165A

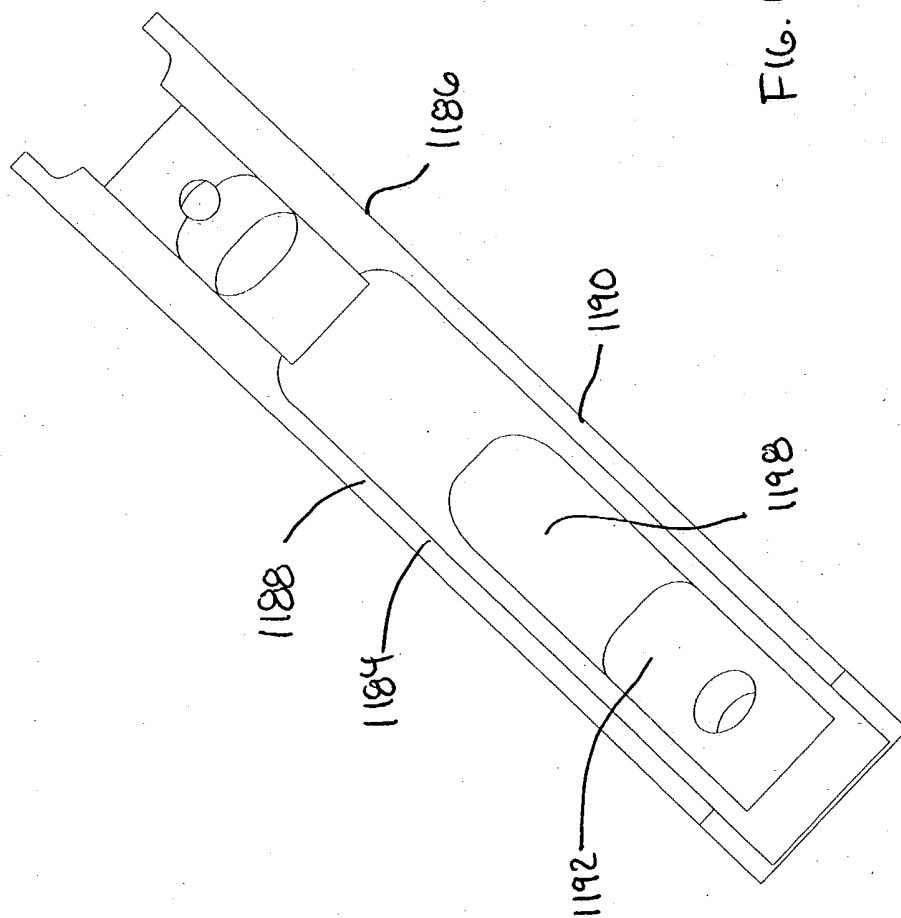


FIG. 166

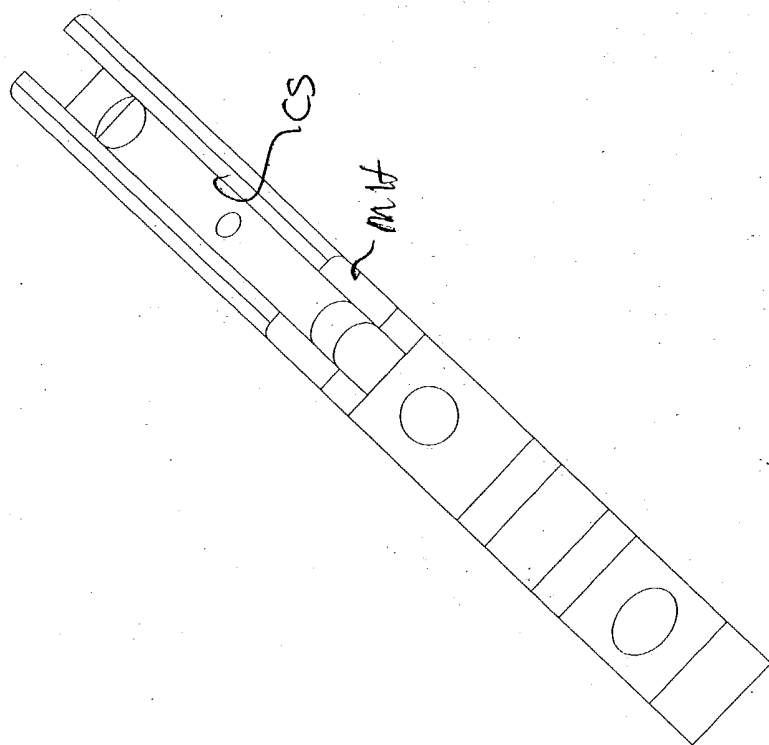


FIG. 166A

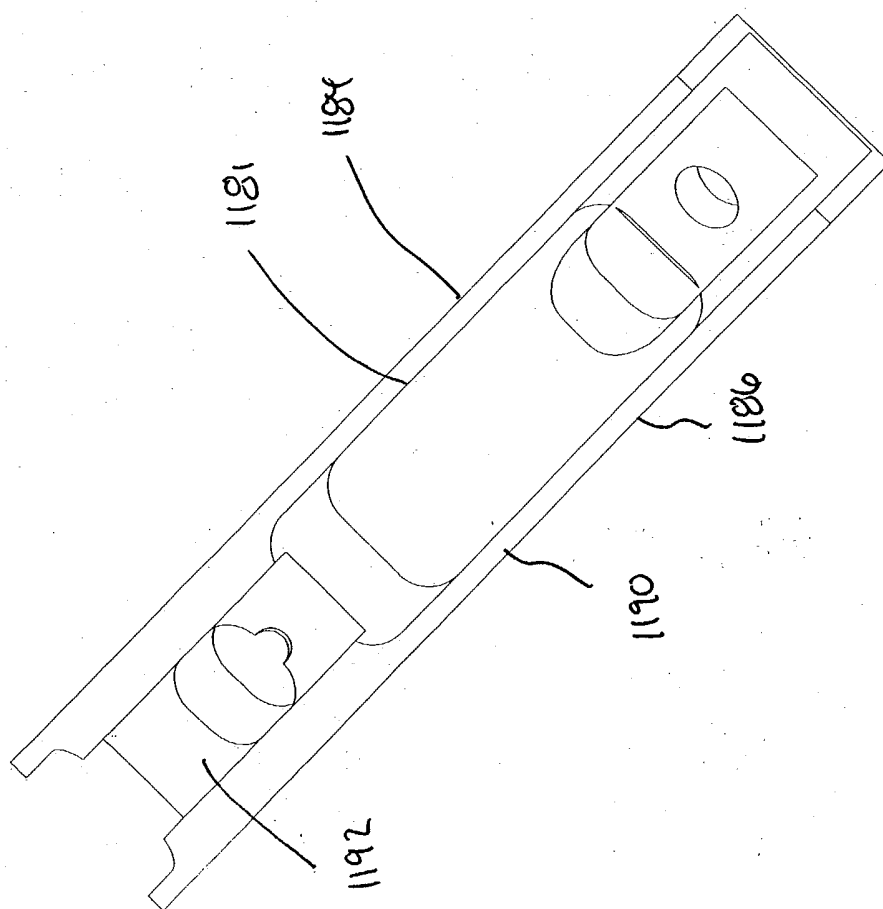


FIG. 167

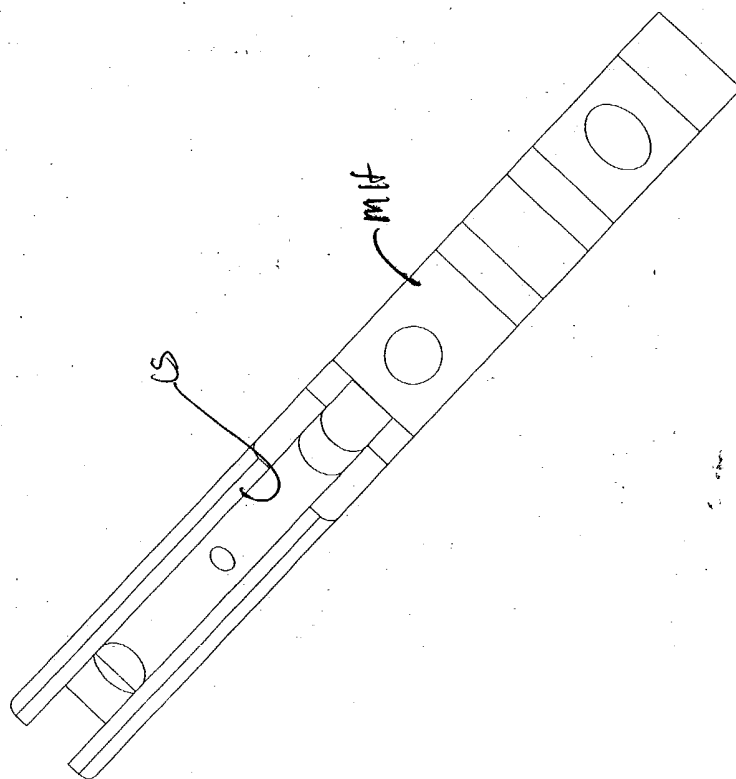
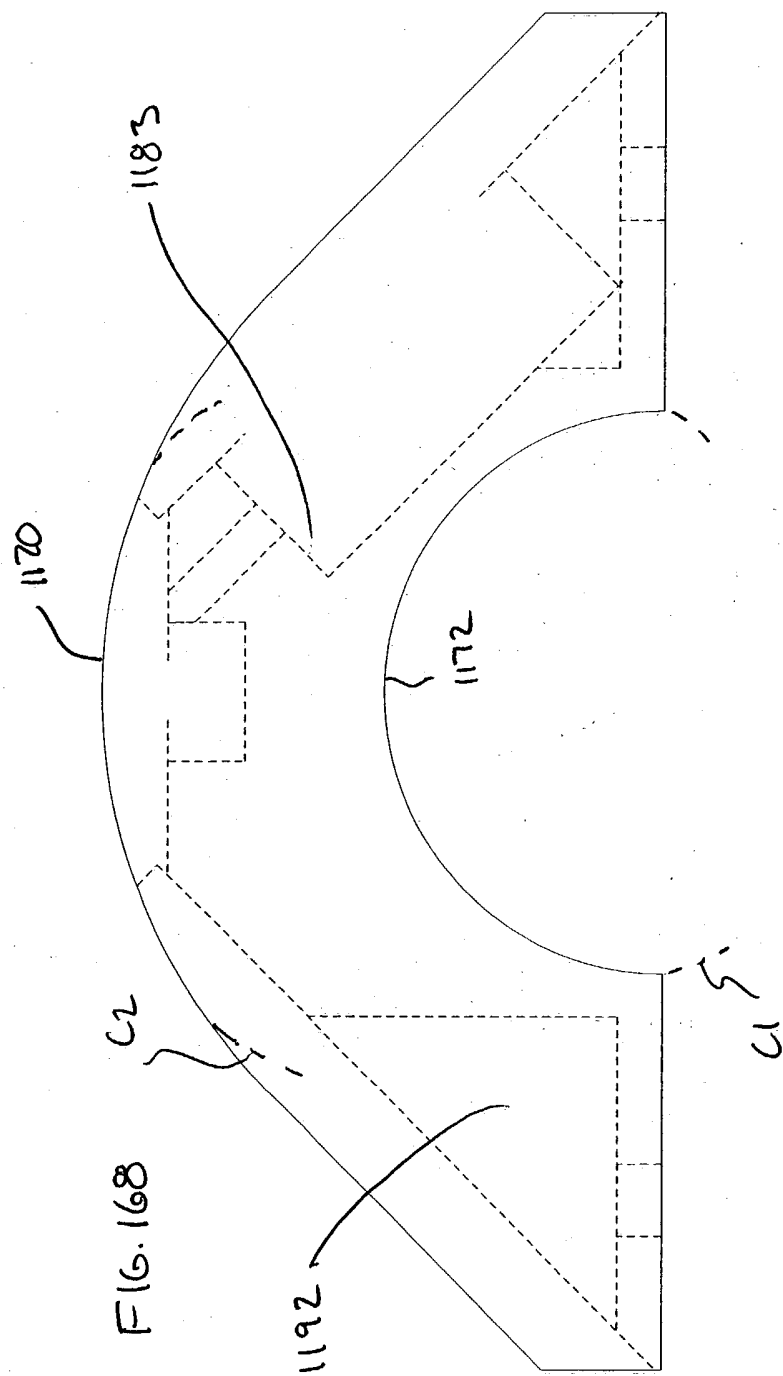


FIG. 167A



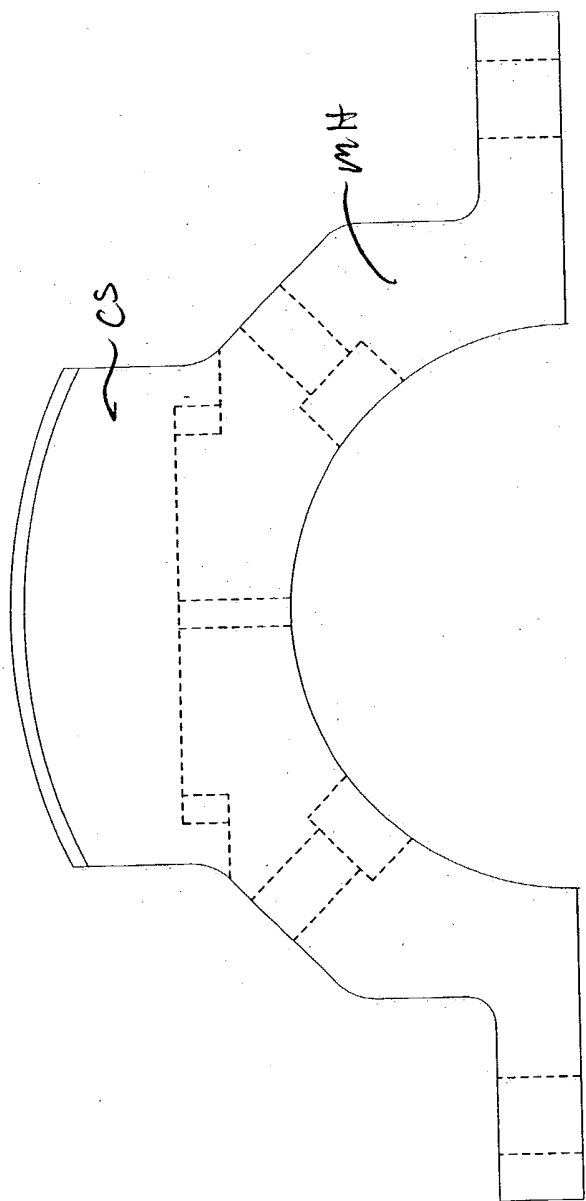


FIG. 168A

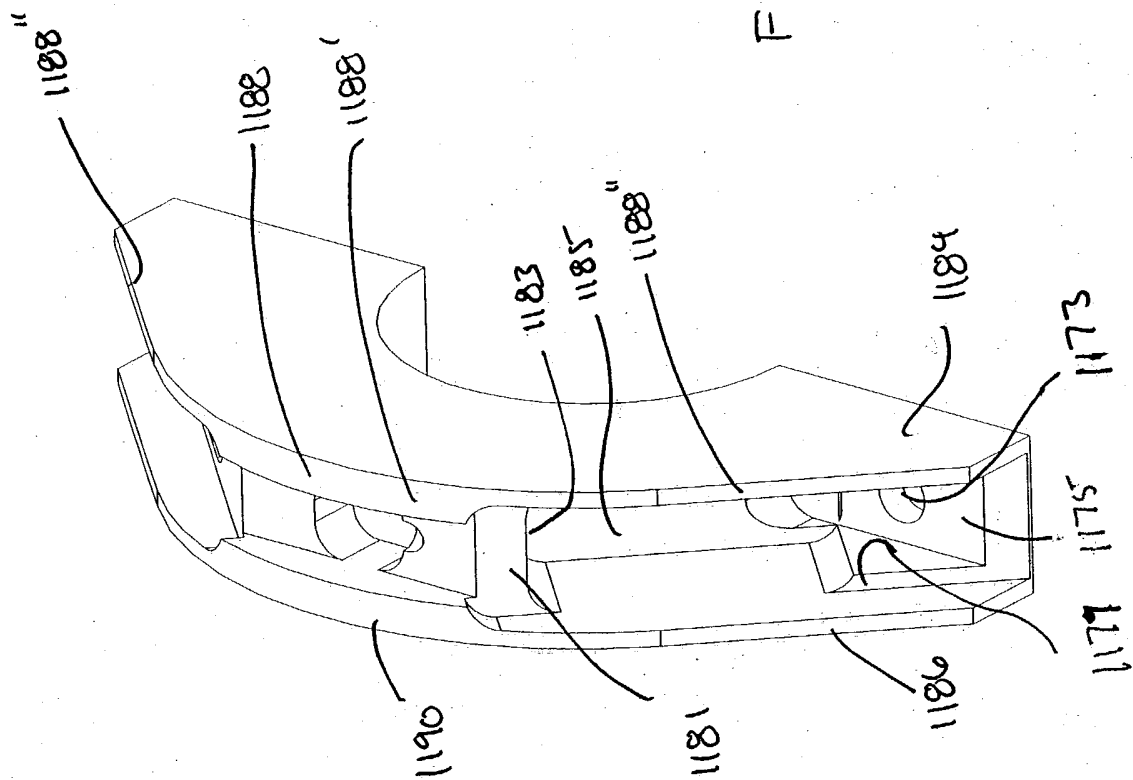


FIG. 169

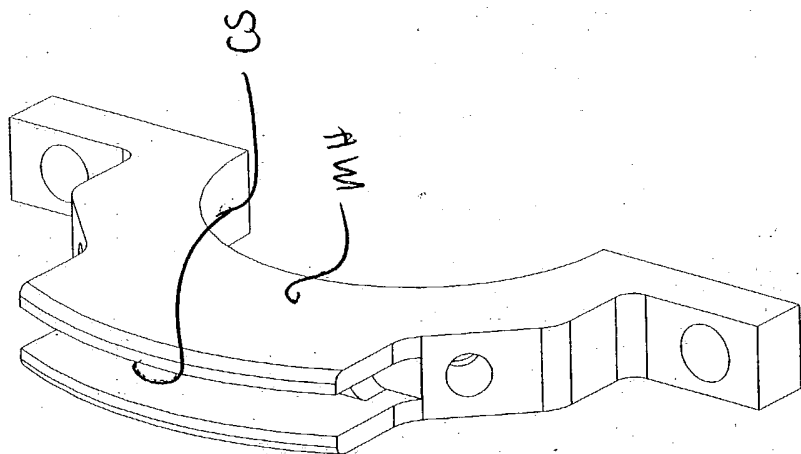
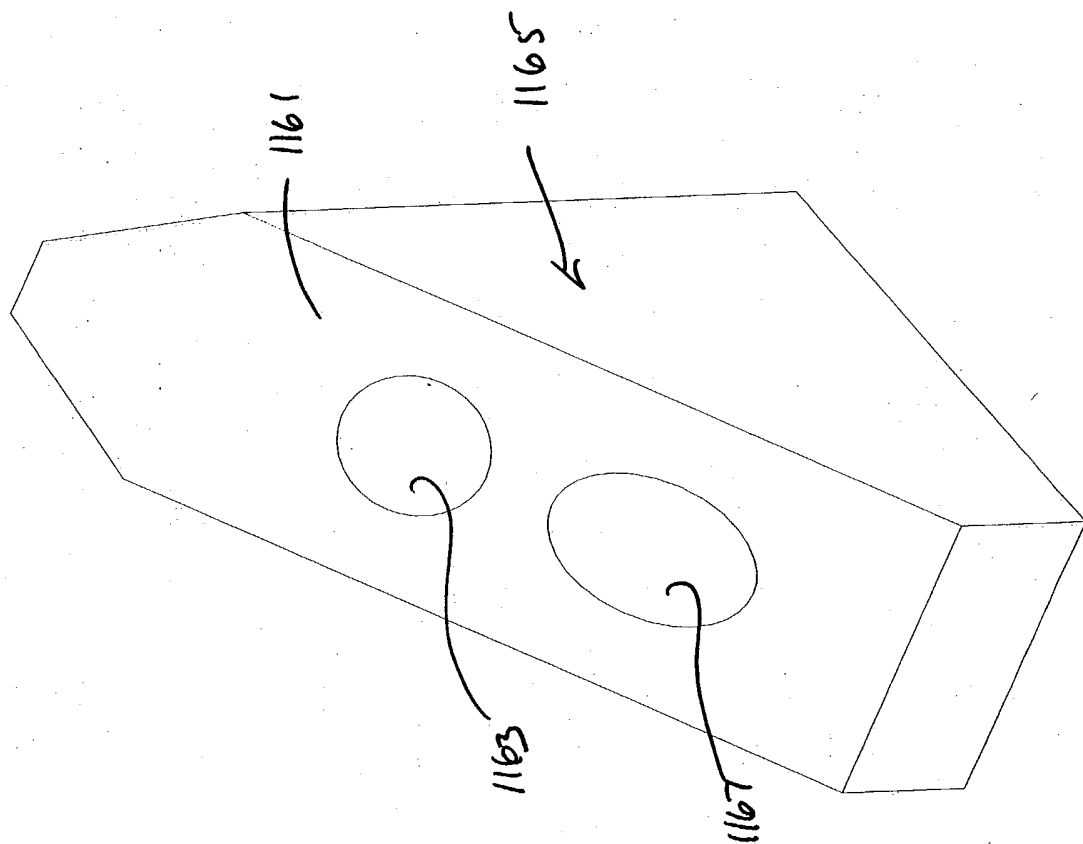


FIG. 169A

FIG. 170



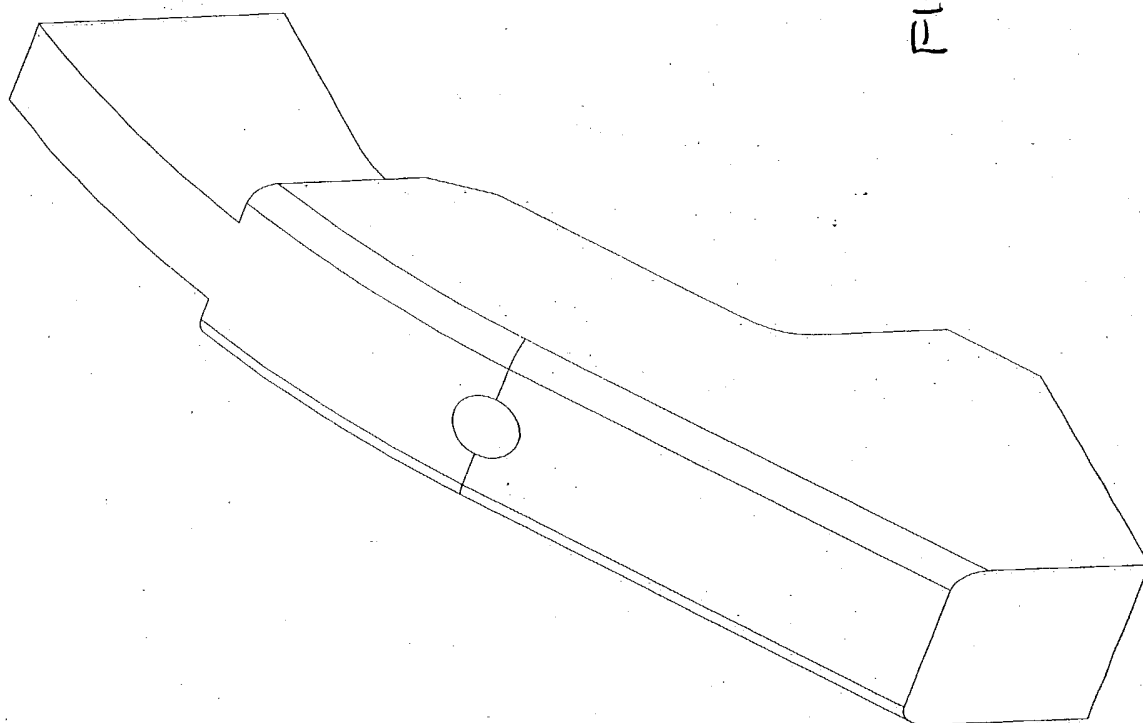
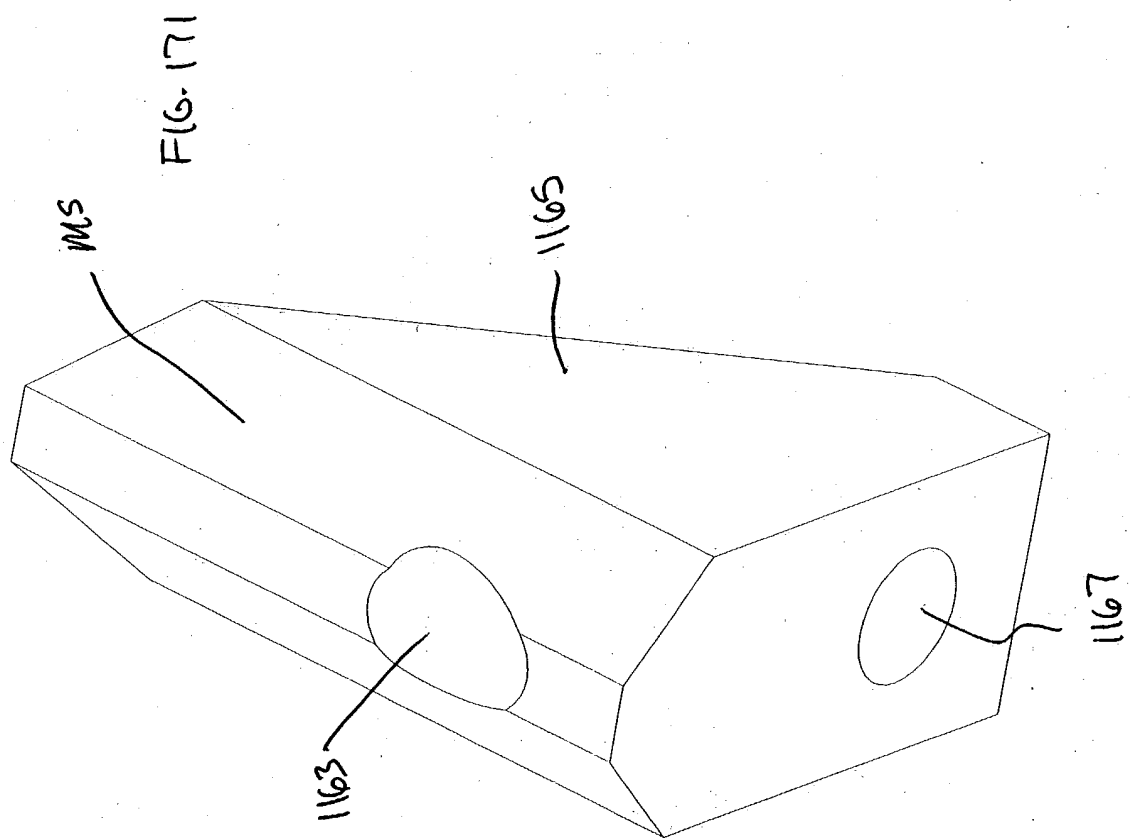


FIG. 170A



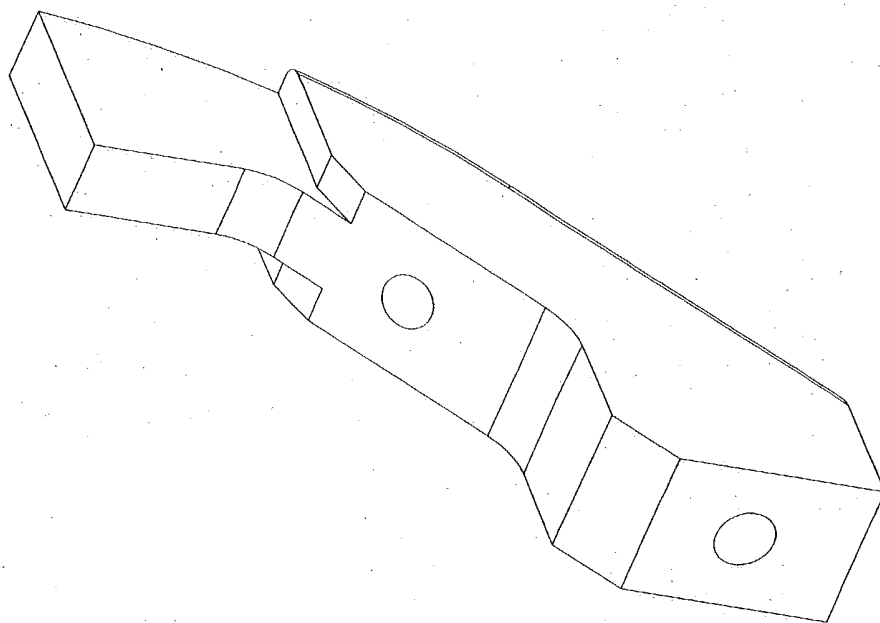


FIG. 171A

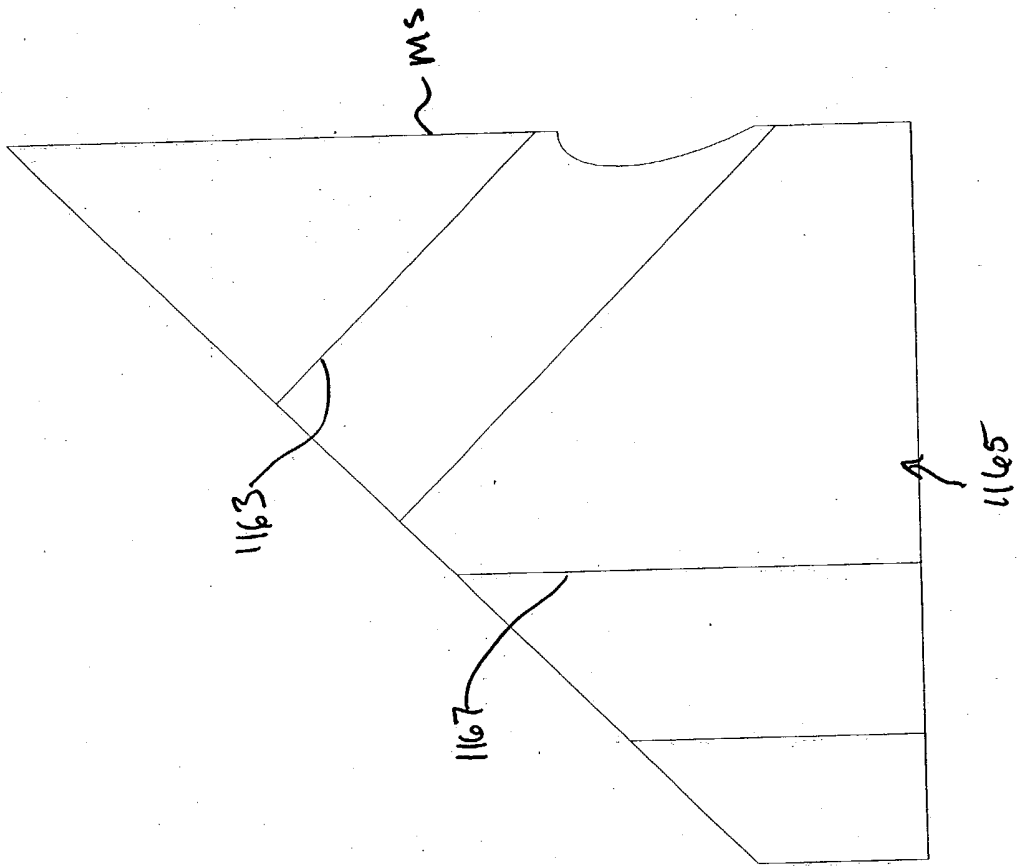


FIG. 172

FIG. 172A

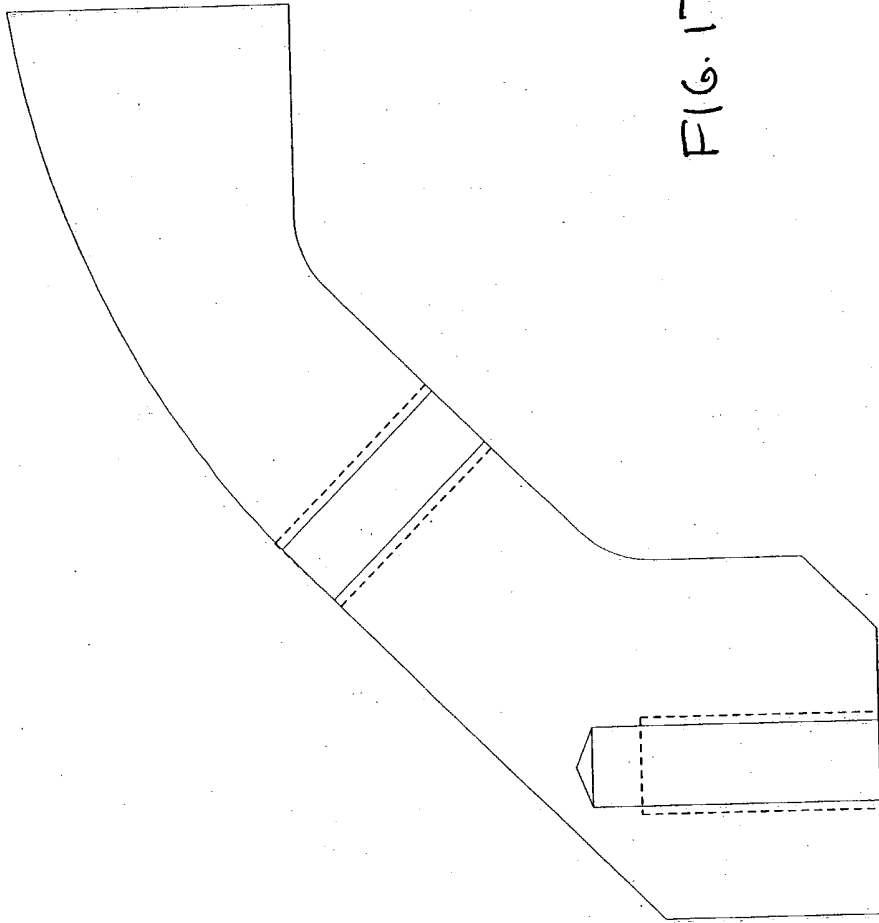
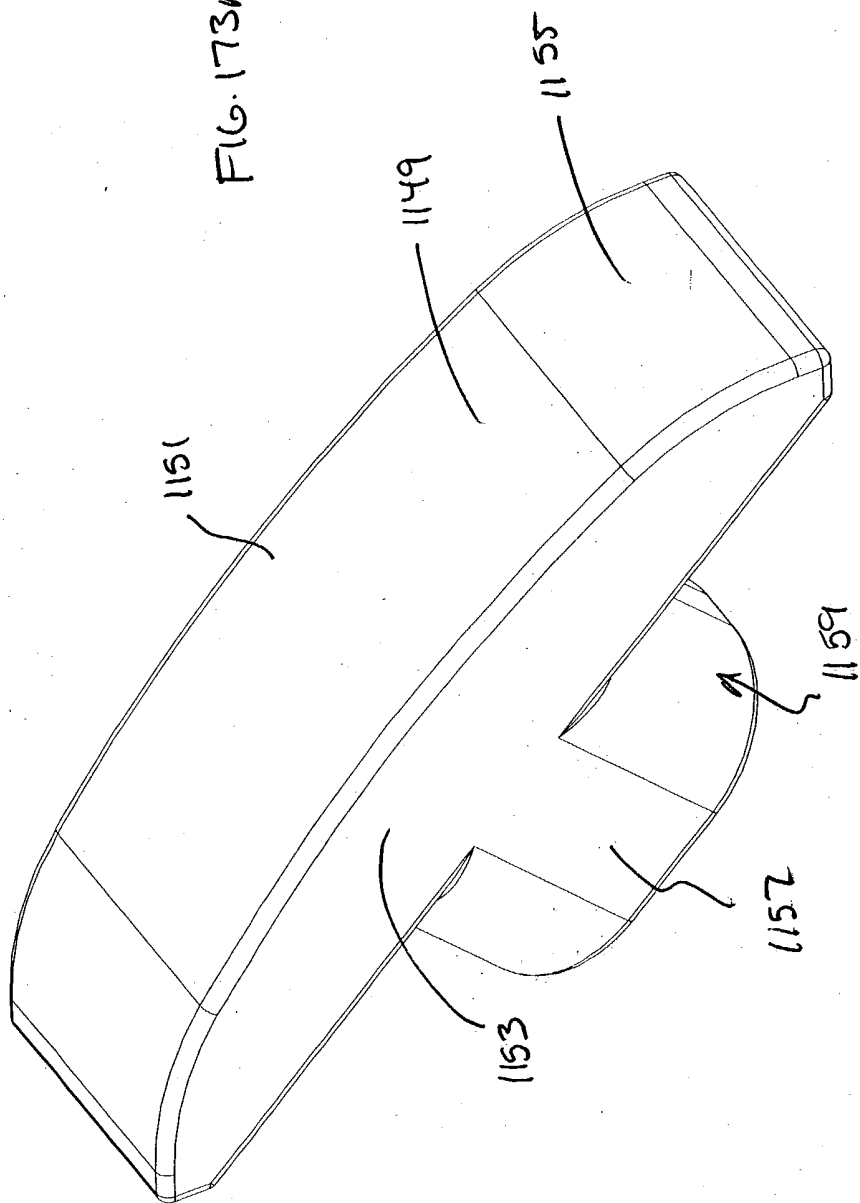


FIG. 173A



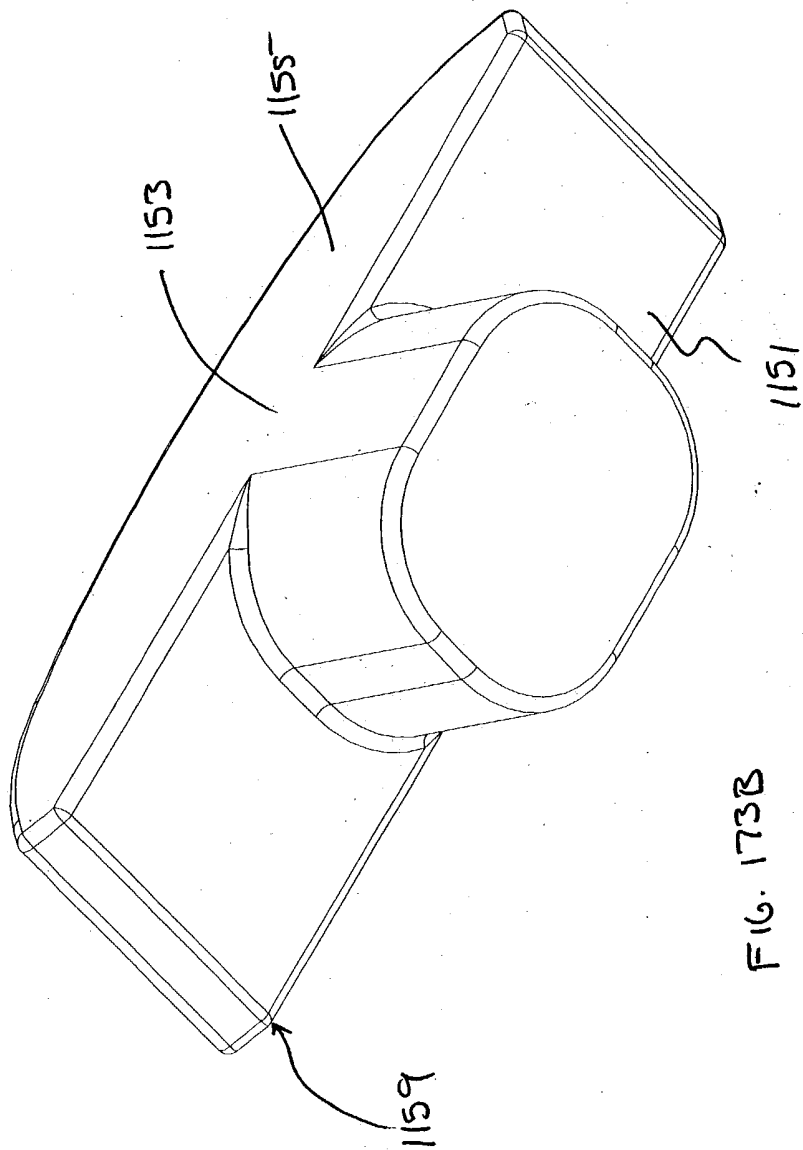


FIG. 173B

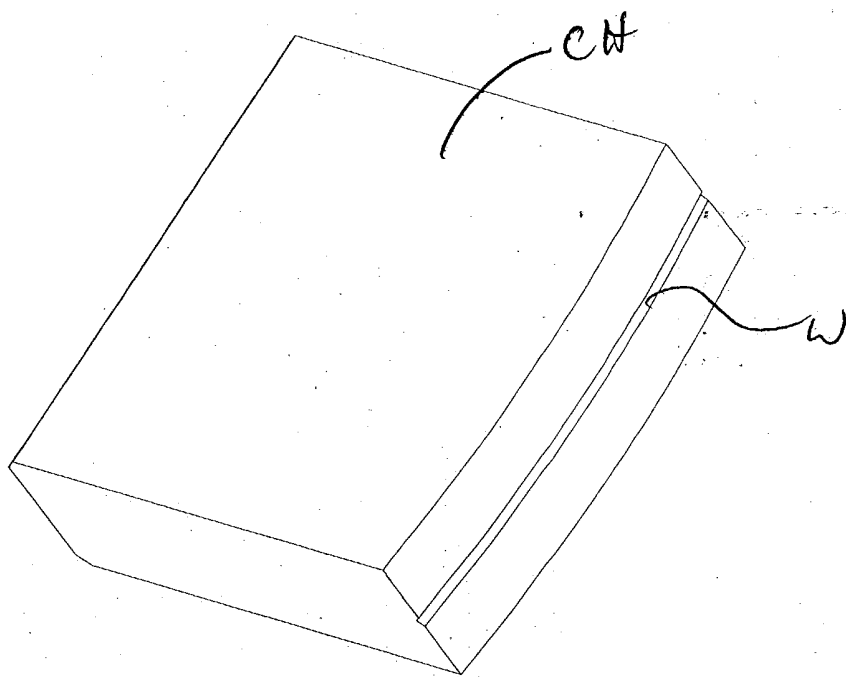


FIG. 173C

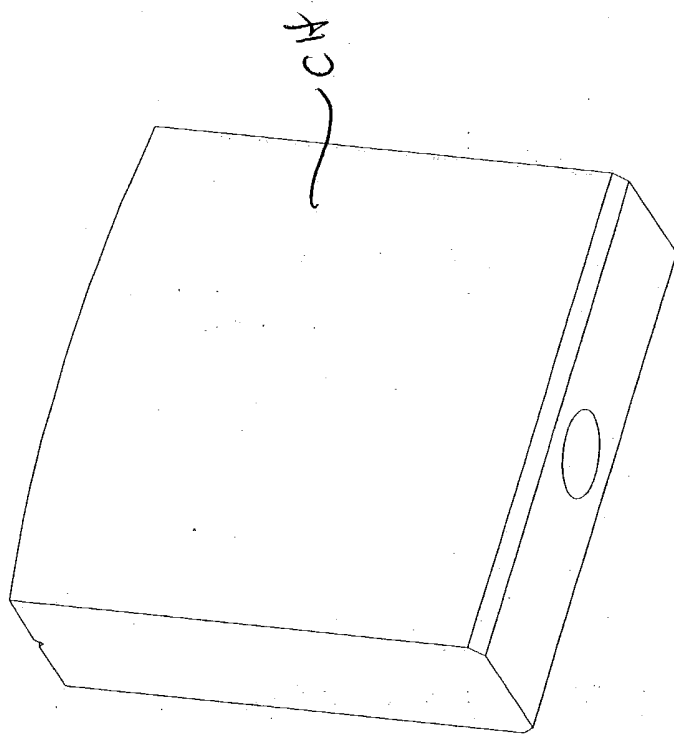
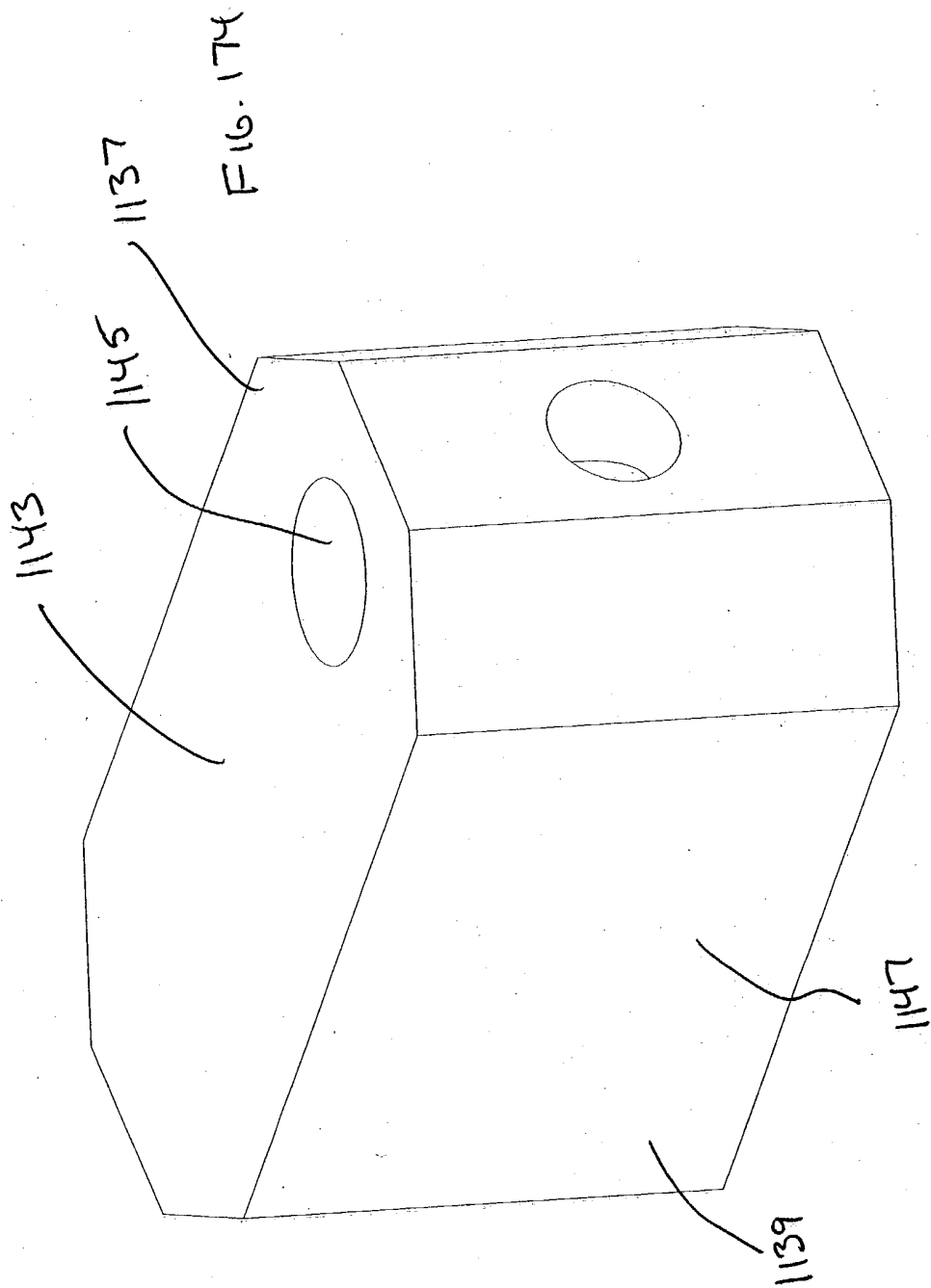


FIG. 173D



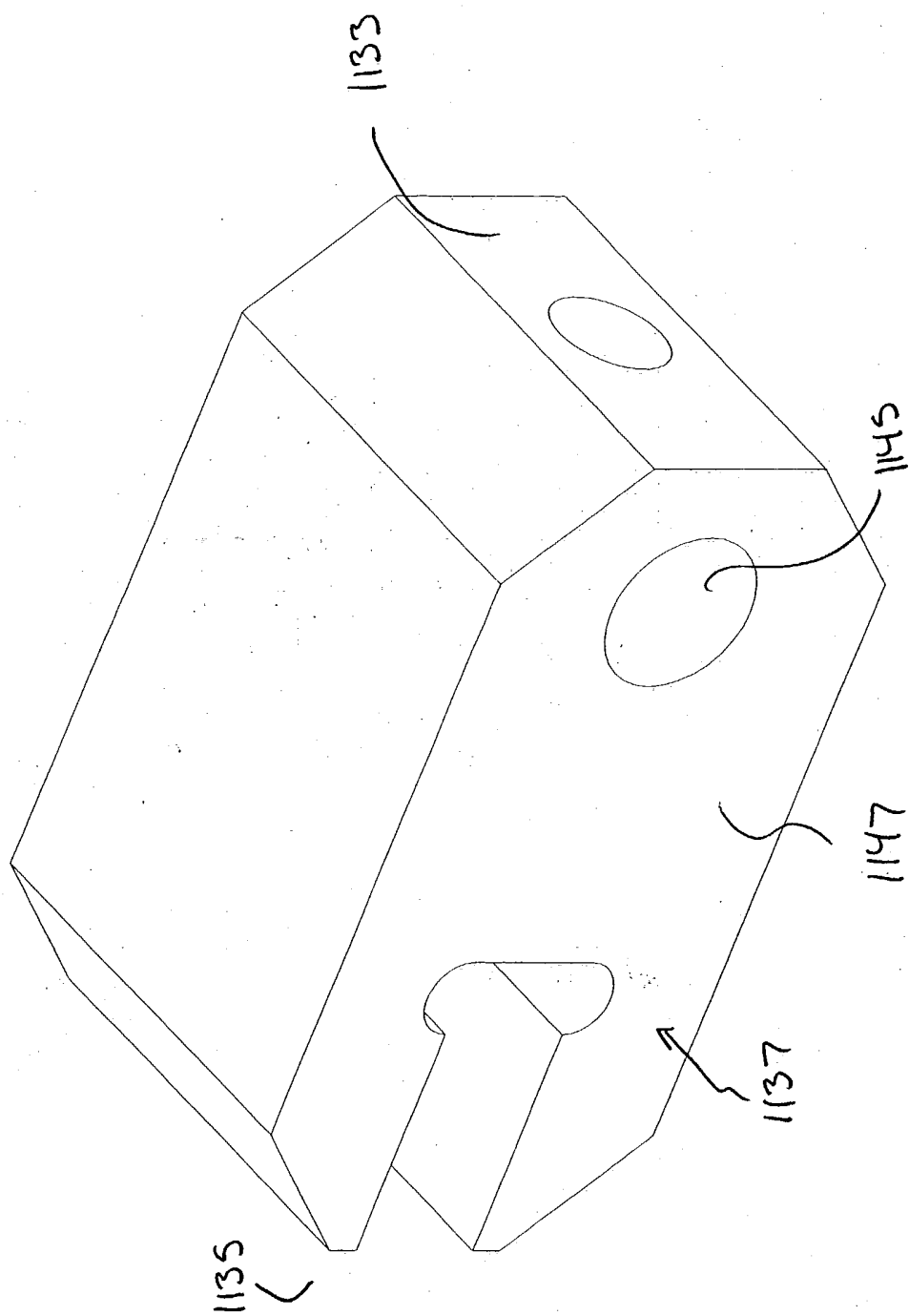
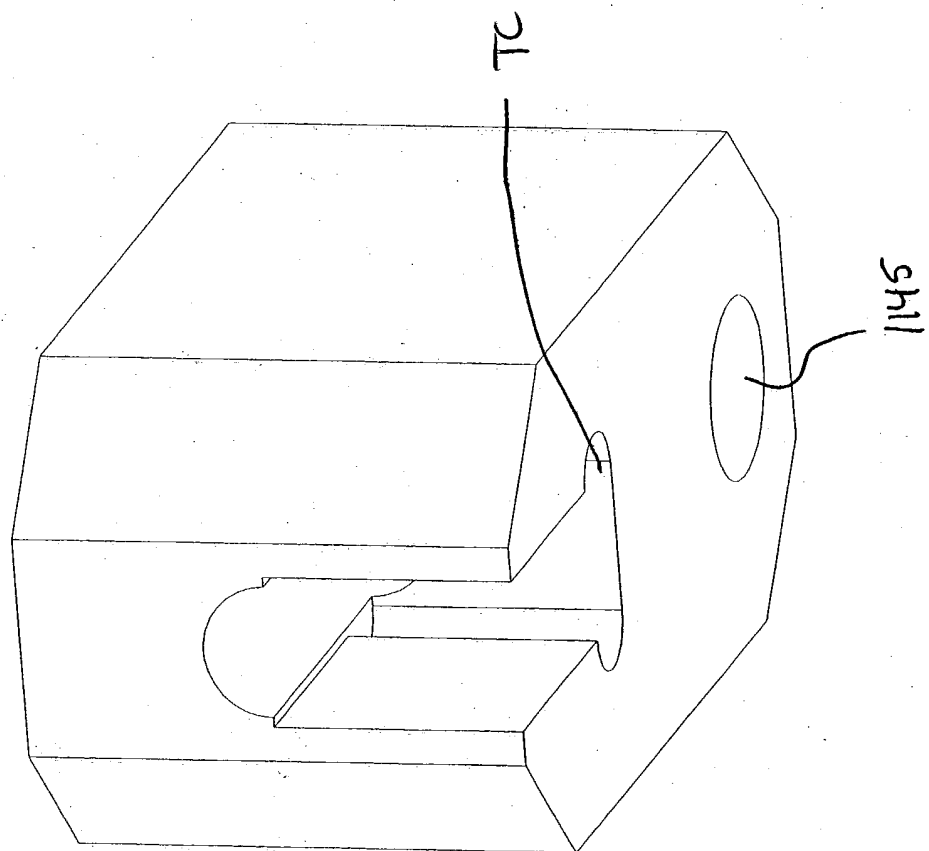


FIG. 175

FIG. 17b



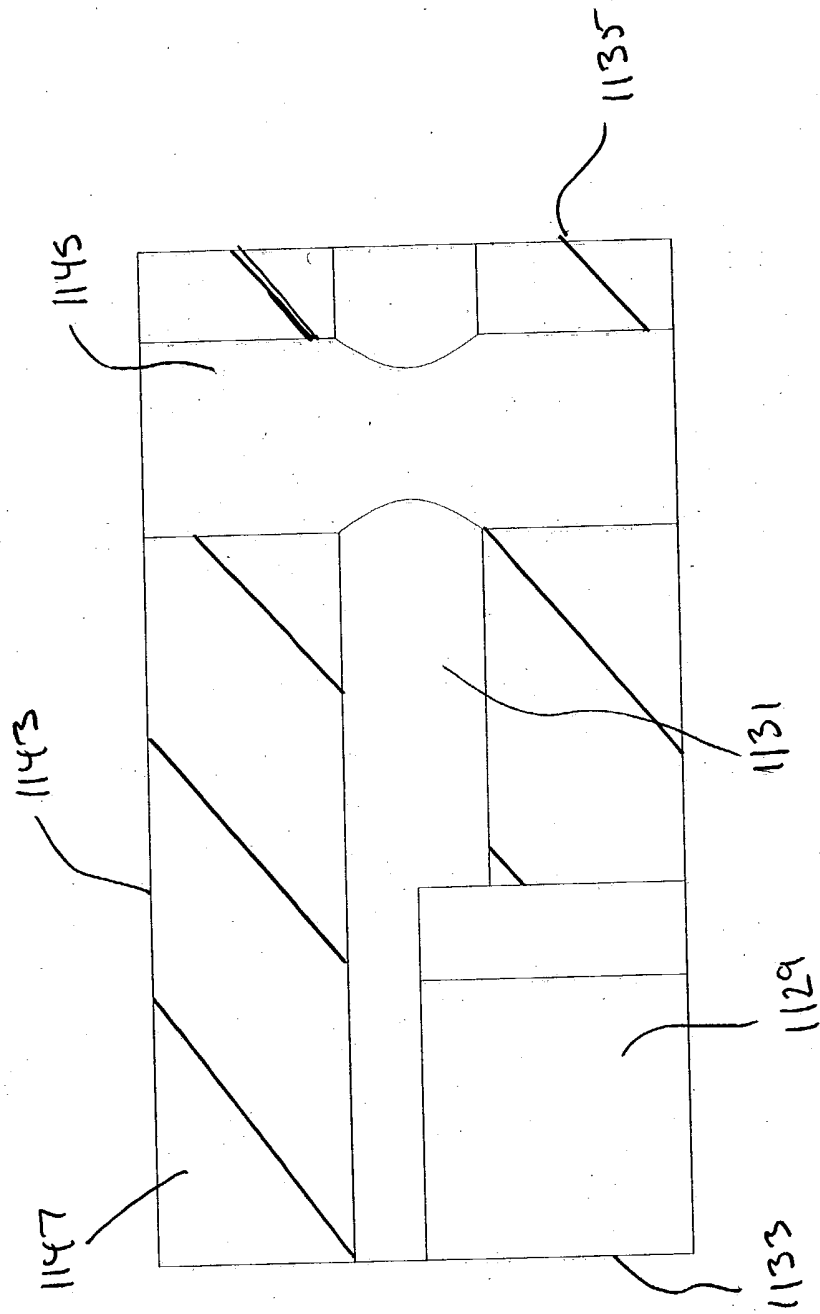


FIG. 177

1113 (iii)

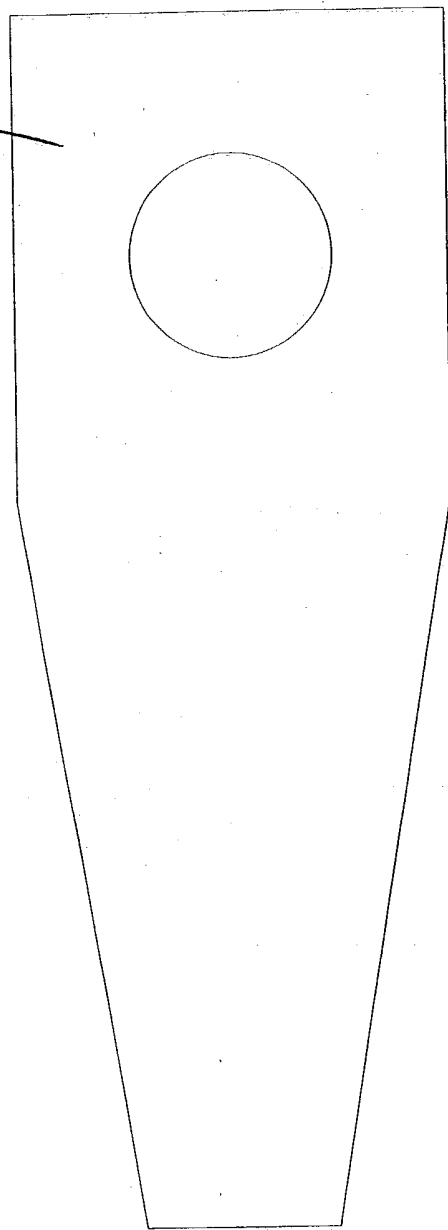


FIG. 178

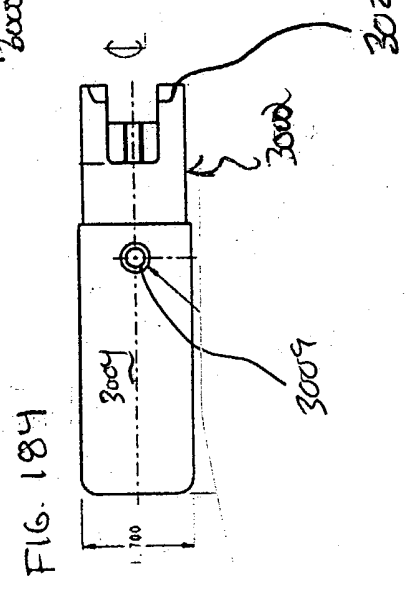
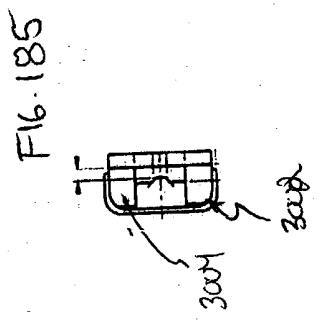
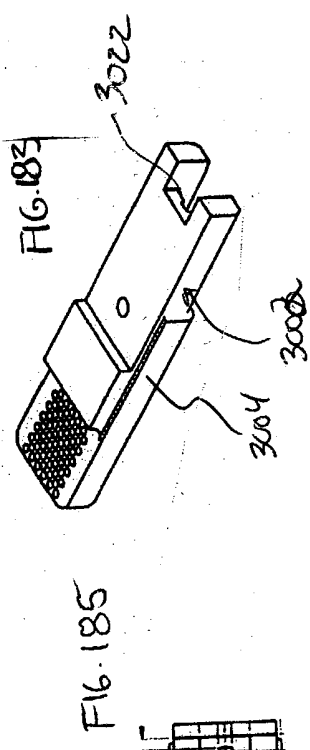
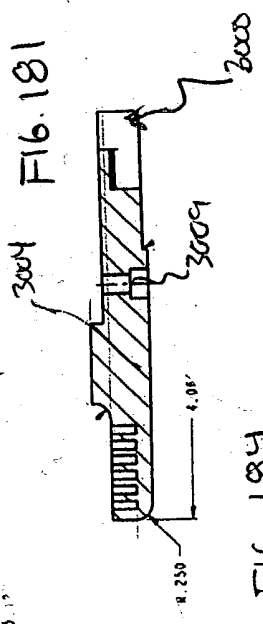
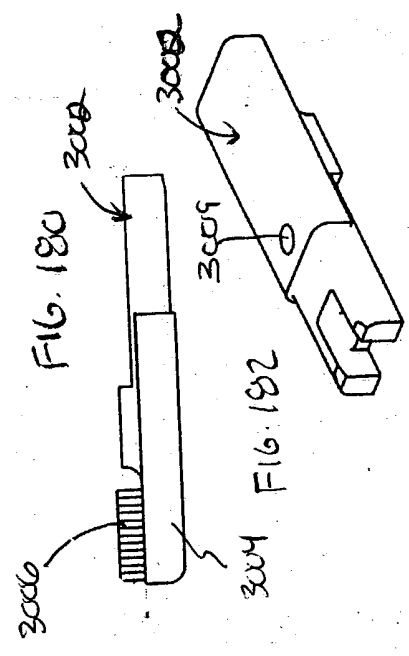
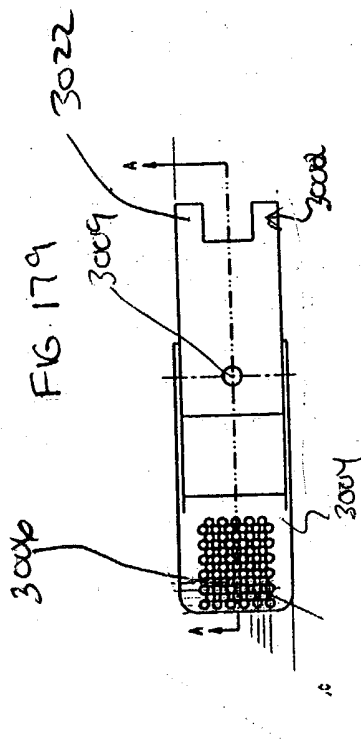


FIG. 186

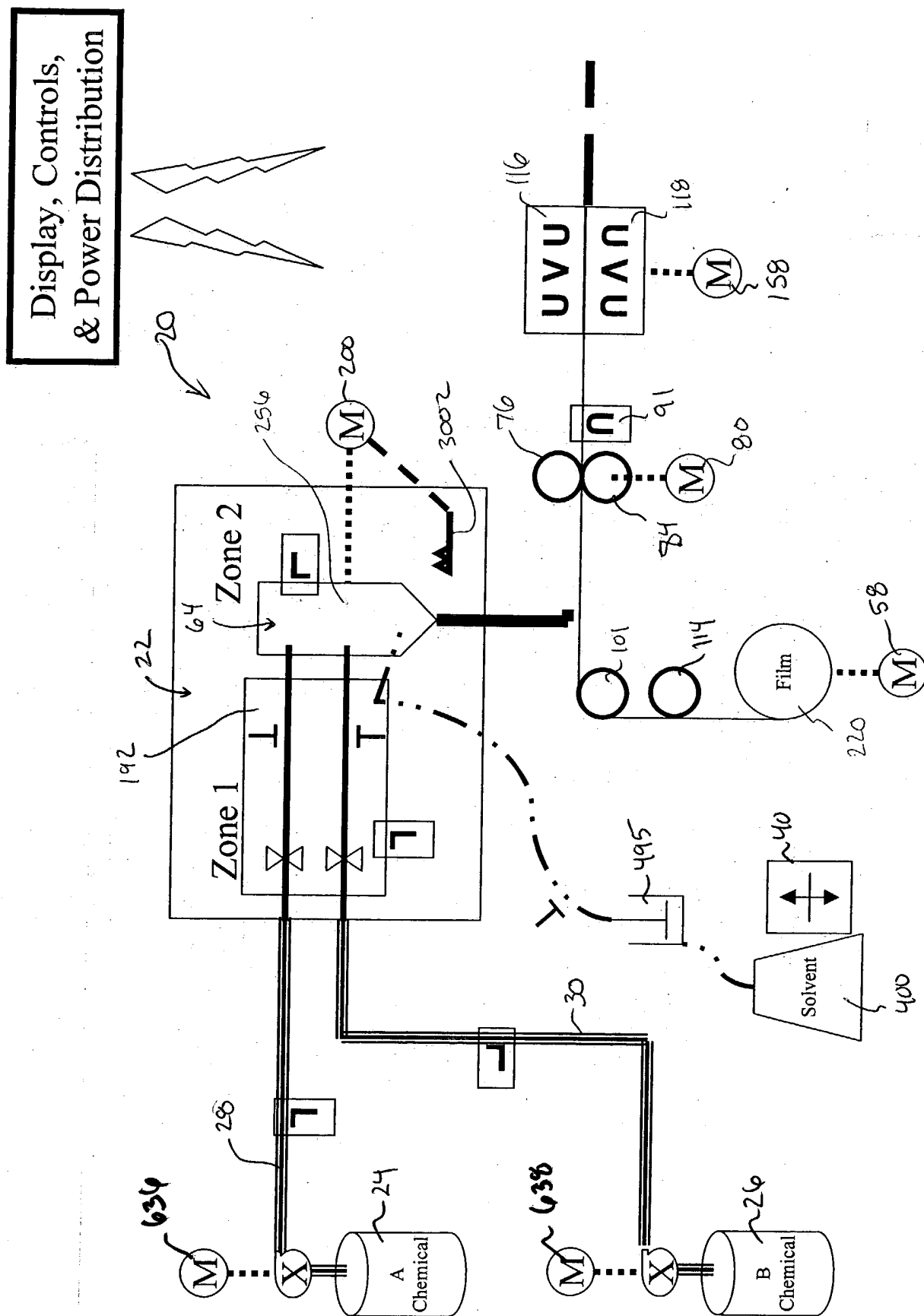





FIG. 186A

Legend


 = Motor

 = Linkage

 = Pump

 = Pump Shaft/Hose

 = Heating element (all orientations)

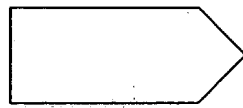
 = Filter

 = Pressure Transducer (all orientations)

 = Tip Cleaning Brush


 = Solvent Pump

 = Level Sensor

 = Mixing Module +

 = Idle Roller

 = Nip Rollers

 = Edge Seal Wire

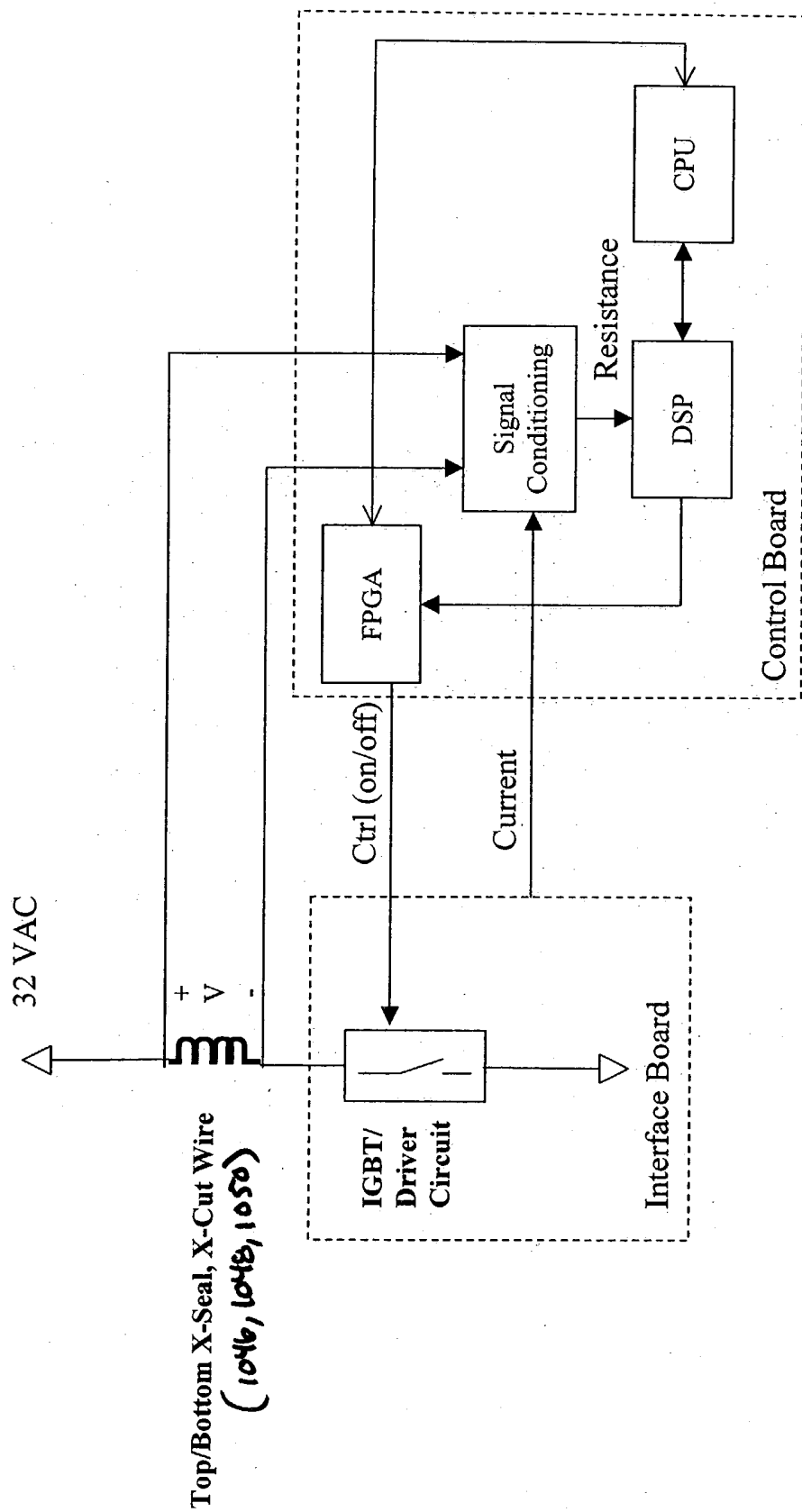
U	V	U
n	^	n

= Jaw Assembly
(X-seal, X-cut,
X-seal)

Top/Bottom X-Seal, X-cut

32 VAC

Top/Bottom X-Seal, X-Cut Wire
(1046, 1048, 1050)



Edge Seal

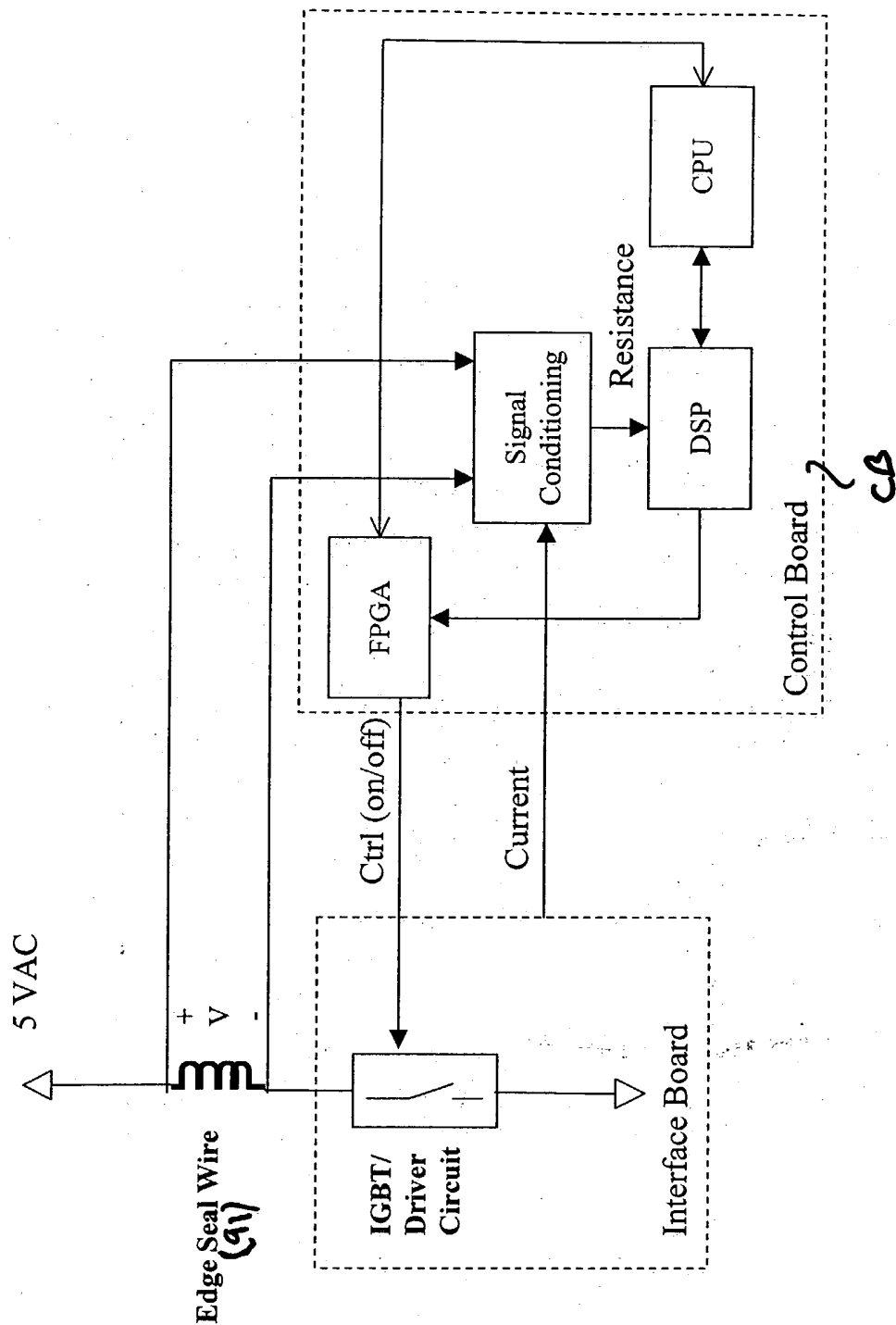


FIG. 188

Moving Jaw

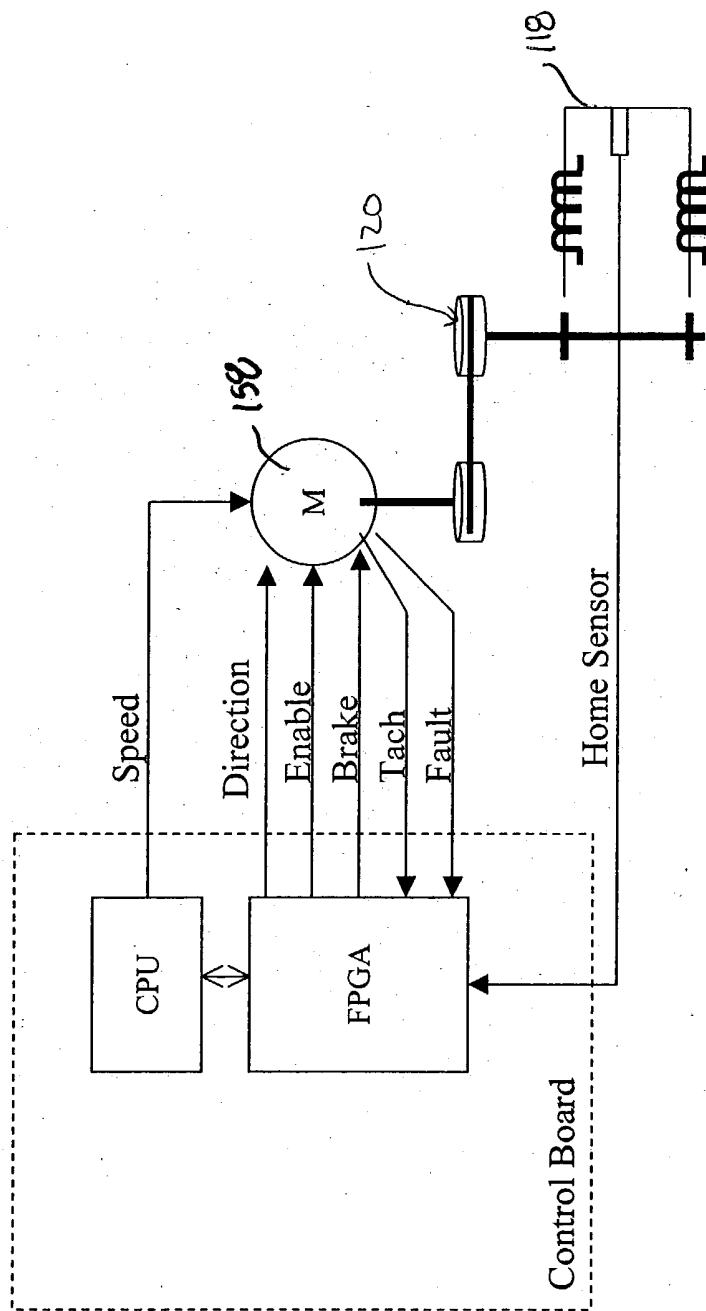


FIG. 189

Chemical Dispensing/Tip Cleaning

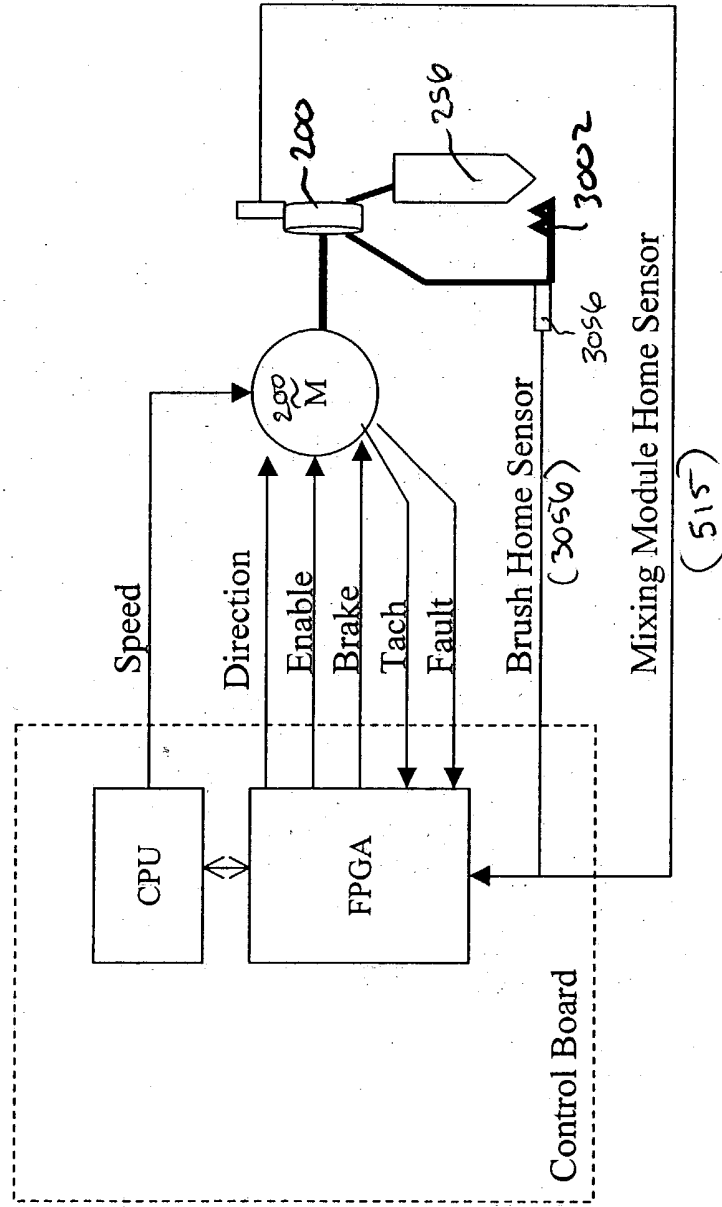


FIG. 190

Film Advance/Tracking

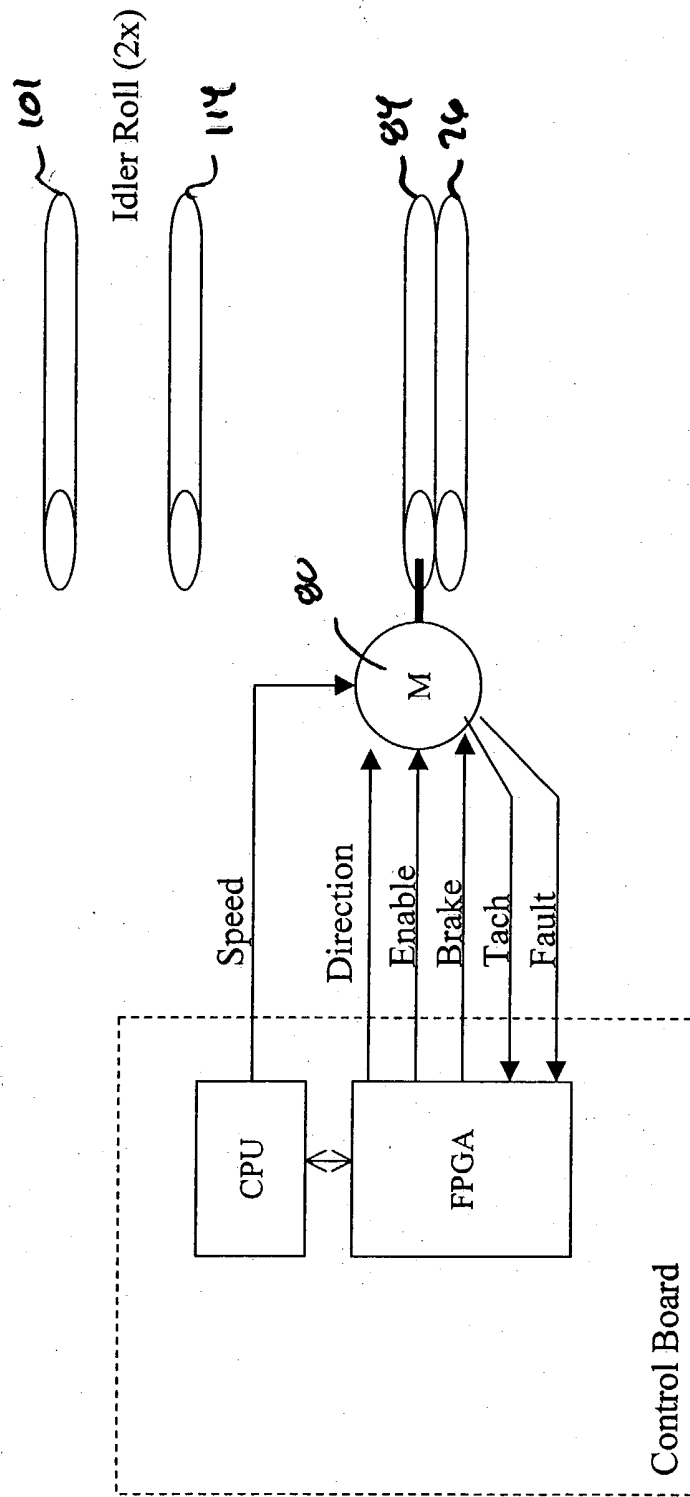


FIG. 191

Film Tension

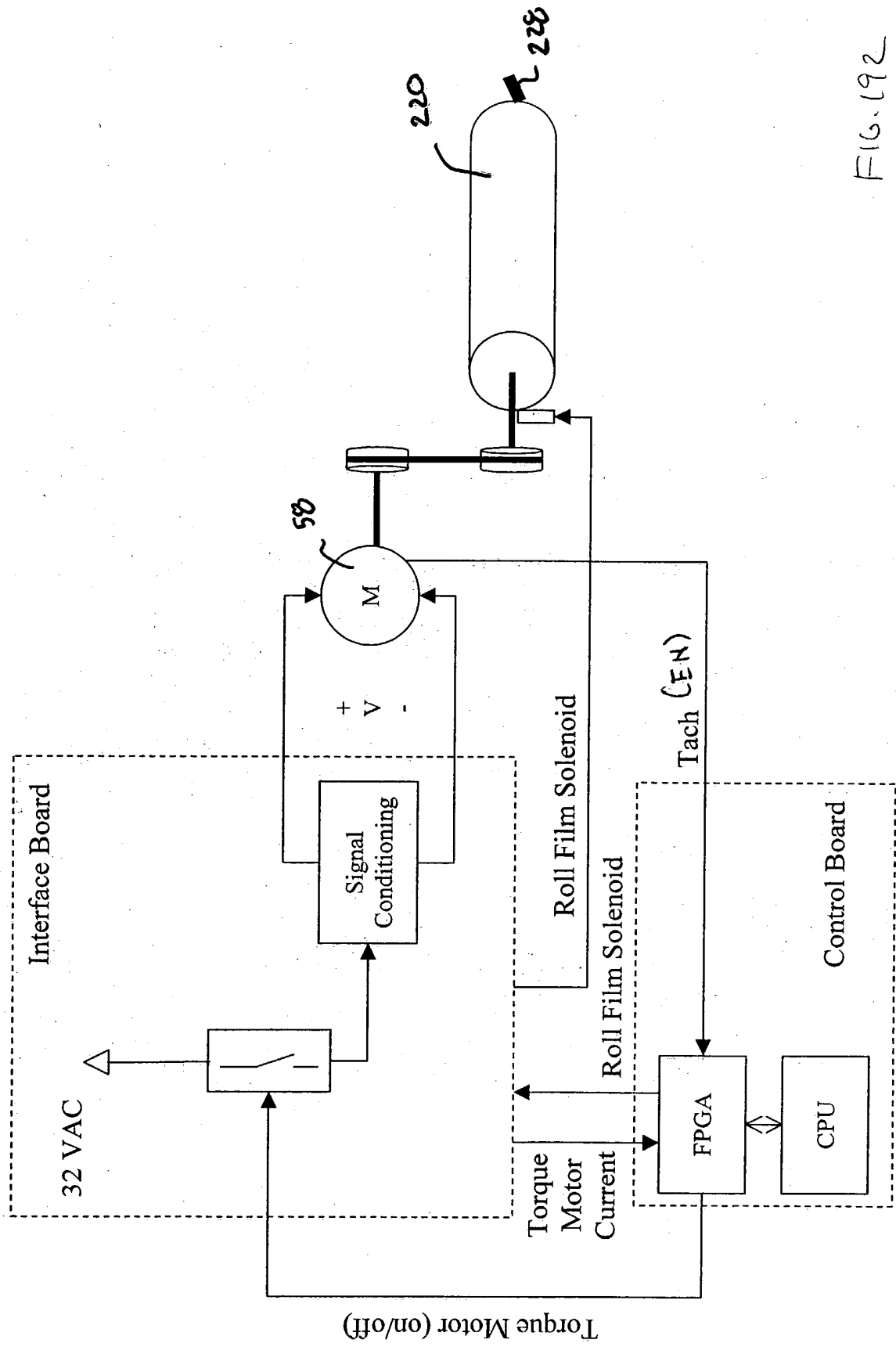


FIG. 192

Chemical Temperature Control (Hoses)

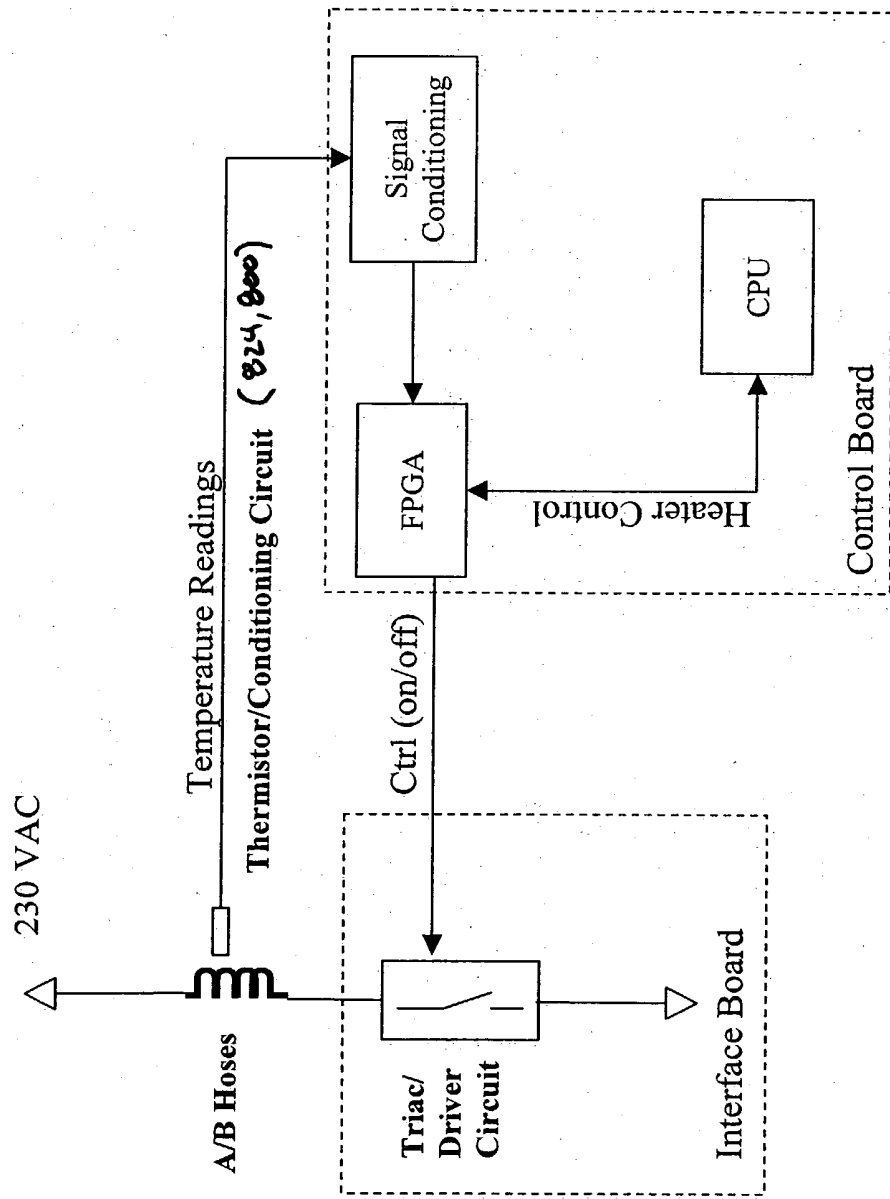


FIG. 193

Chemical Temperature Control (Manifold Zones)

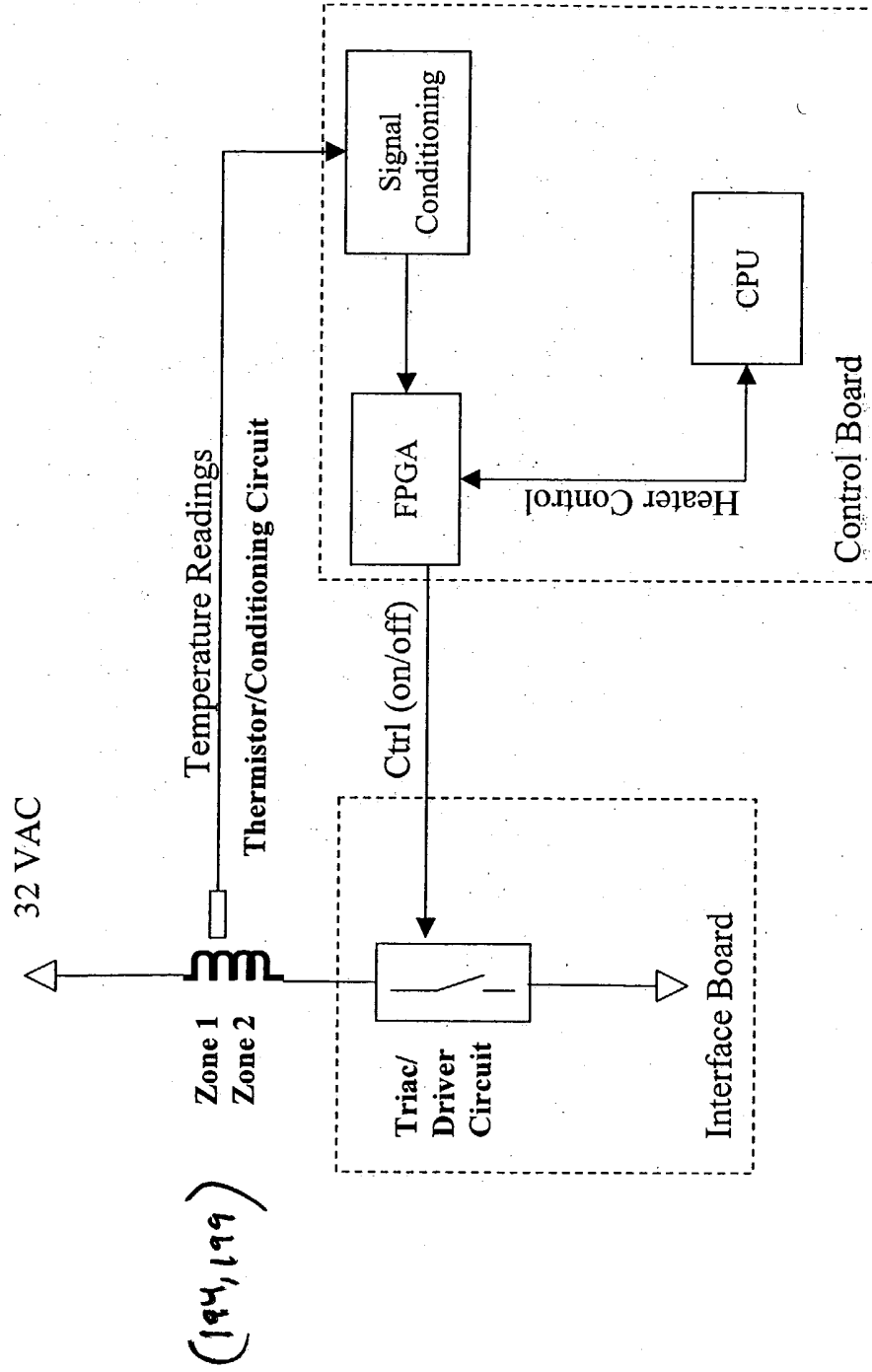


FIG. 194

Chemical Pressure

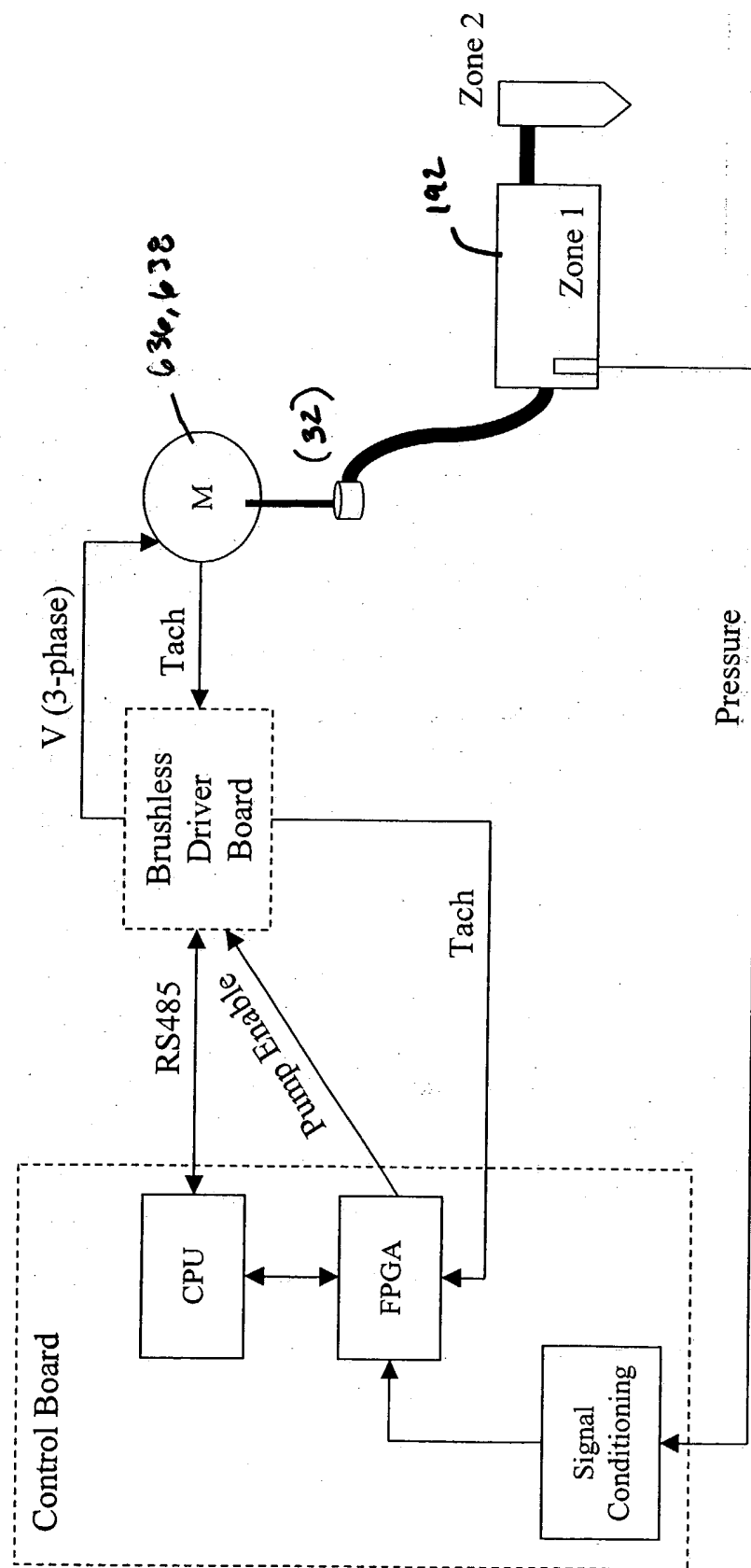


FIG. 195

Solvent System Control

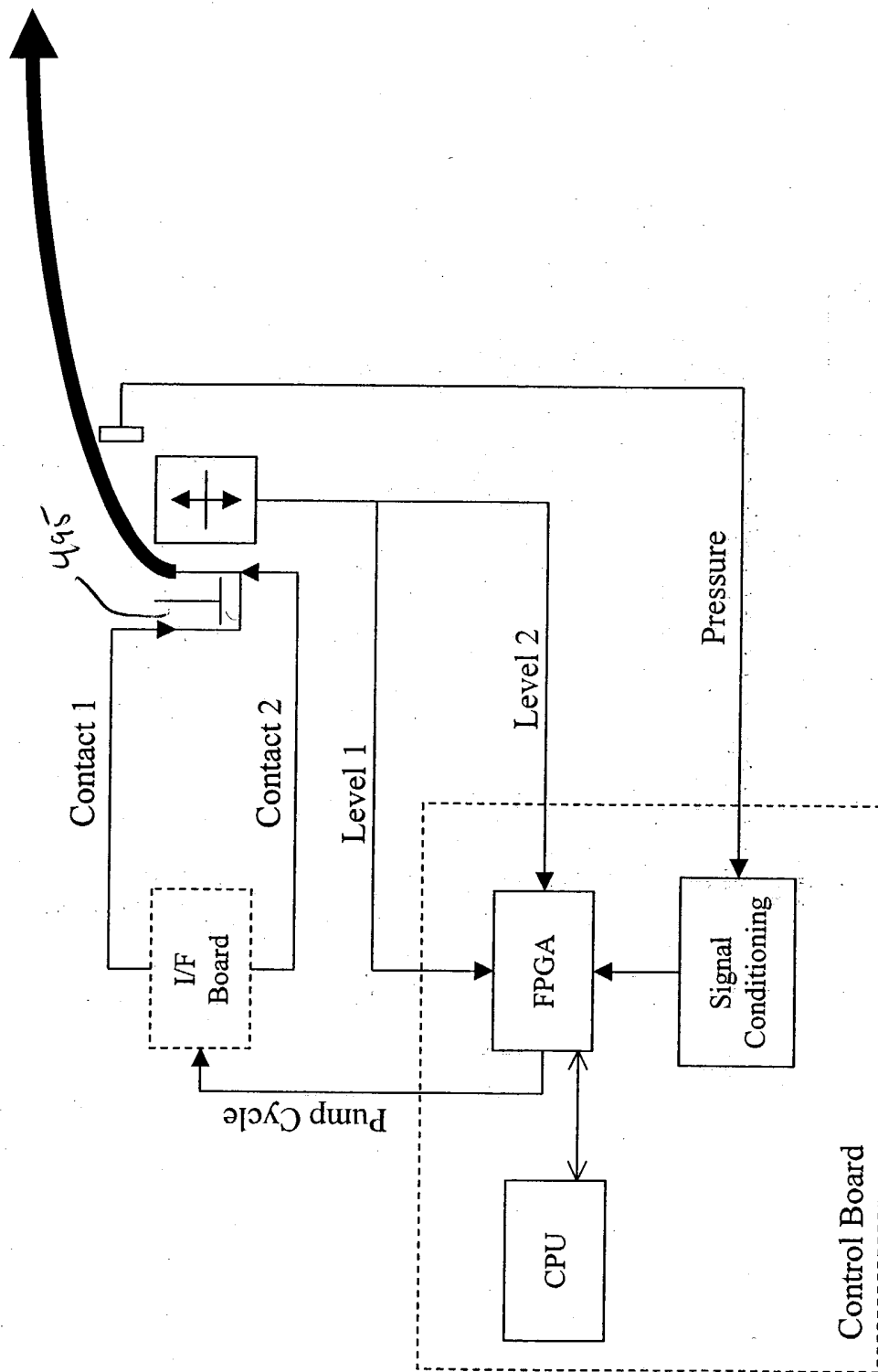
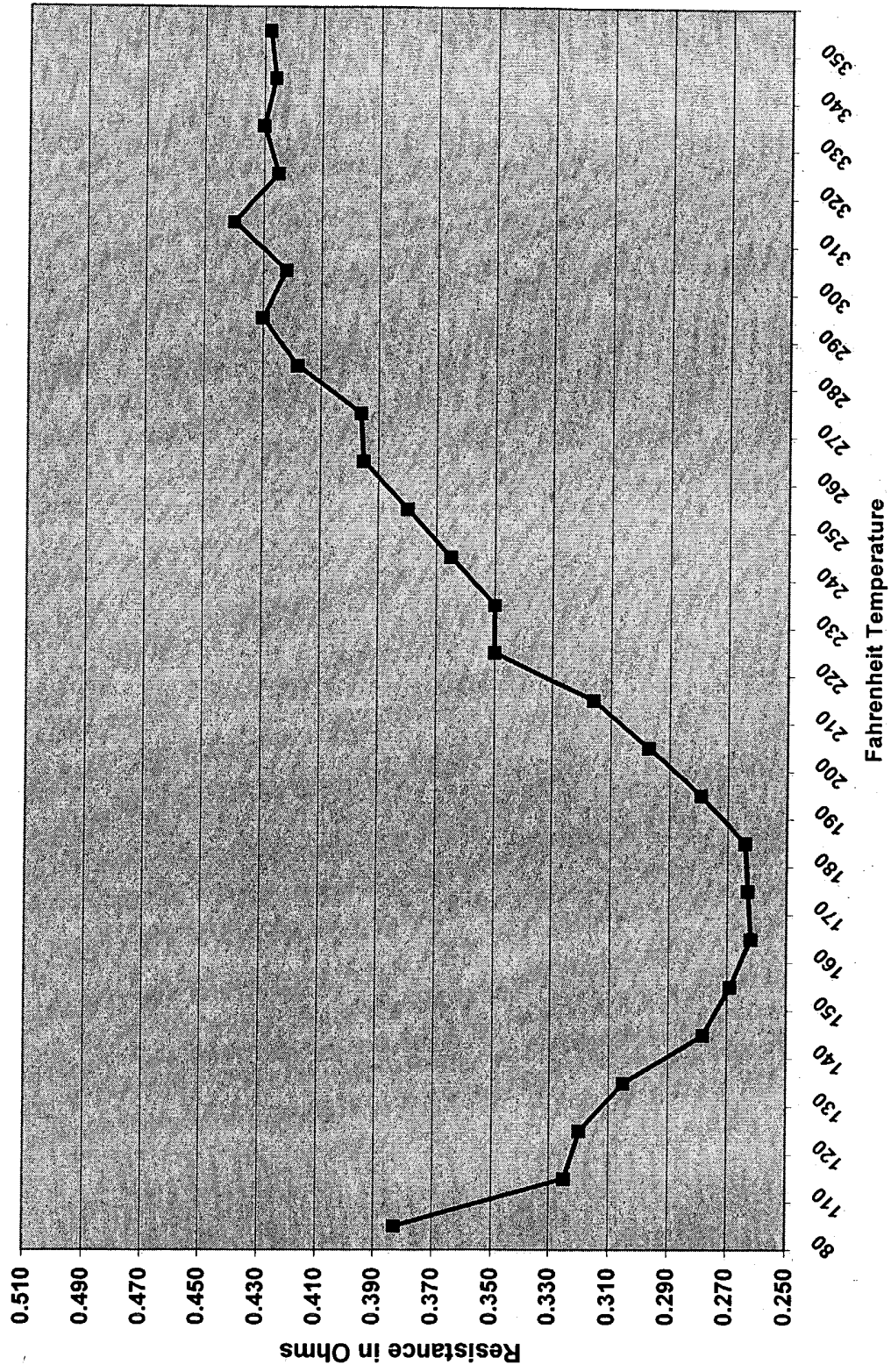


FIG. 196

FIG. 197

—■— TCR



Film Advance/Tension Motor Tach Ratio

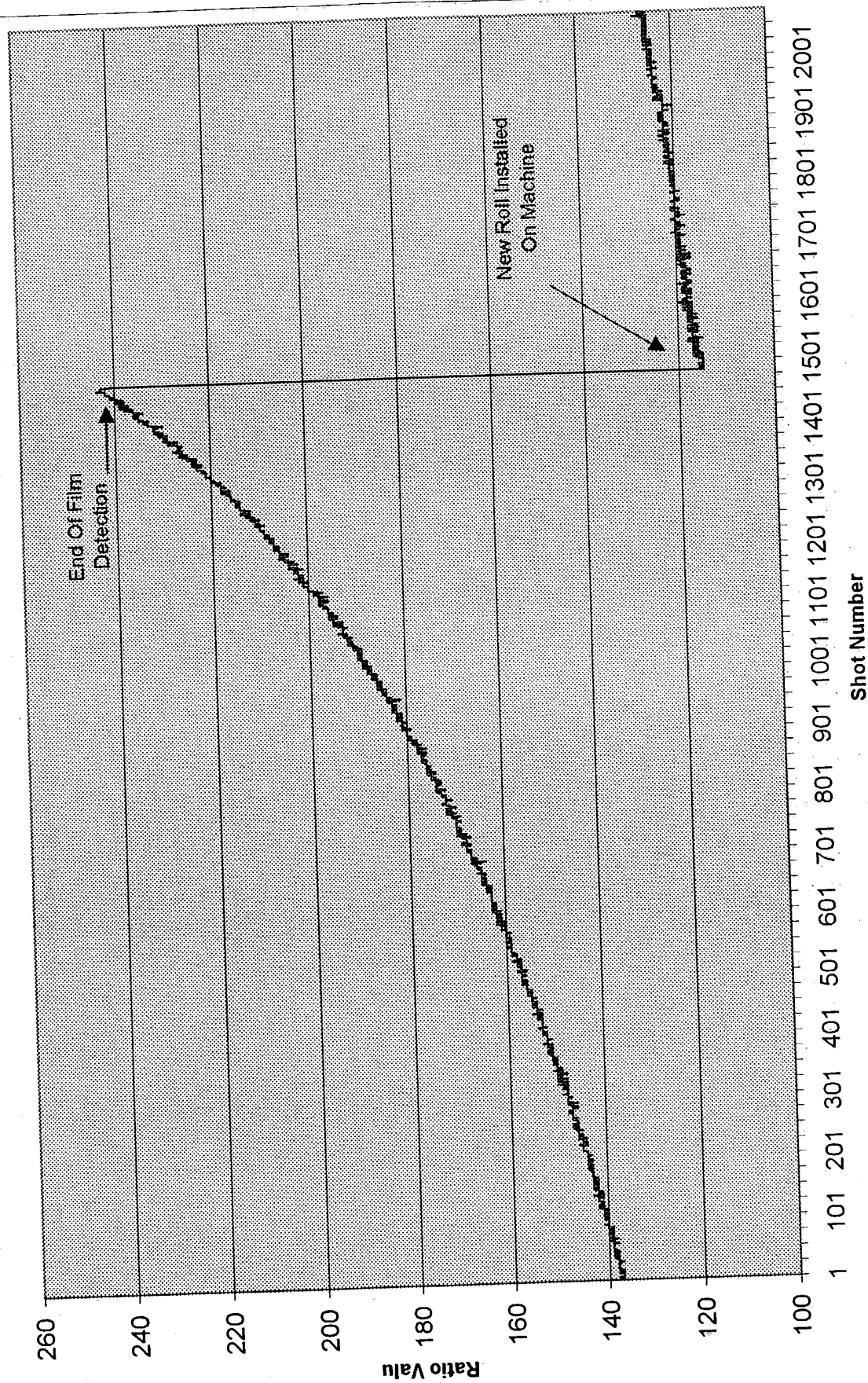


FIG. 198

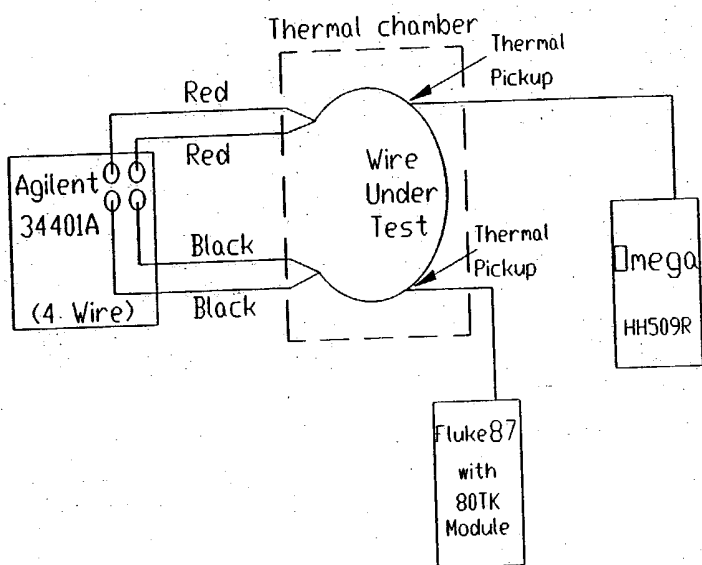


FIG. 199